

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

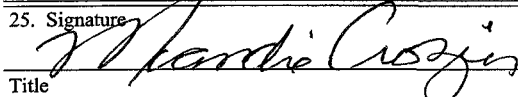
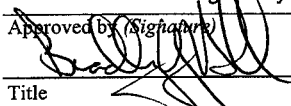
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-16535
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Monument Butte Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Monument Butte Federal J-34-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33936
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 868' FNL 648' FWL Sec. 35, T8S R16E At proposed prod. zone 1390' FNL 55' FEL Sec. 34, T8S R16E SENE		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 11.2 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1390' f/lse, 1390' f/unit		12. County or Parish Duchesne
16. No. of Acres in lease 920.00		13. State UT
17. Spacing Unit dedicated to this well 20 Acres		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1246'		20. BLM/BIA Bond No. on file WYB000493
19. Proposed Depth 6675'		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5567' GL		22. Approximate date work will start* 2 nd Quarter 2008
		23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/14/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-31-08
Title Officer ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

MAR 18 2008

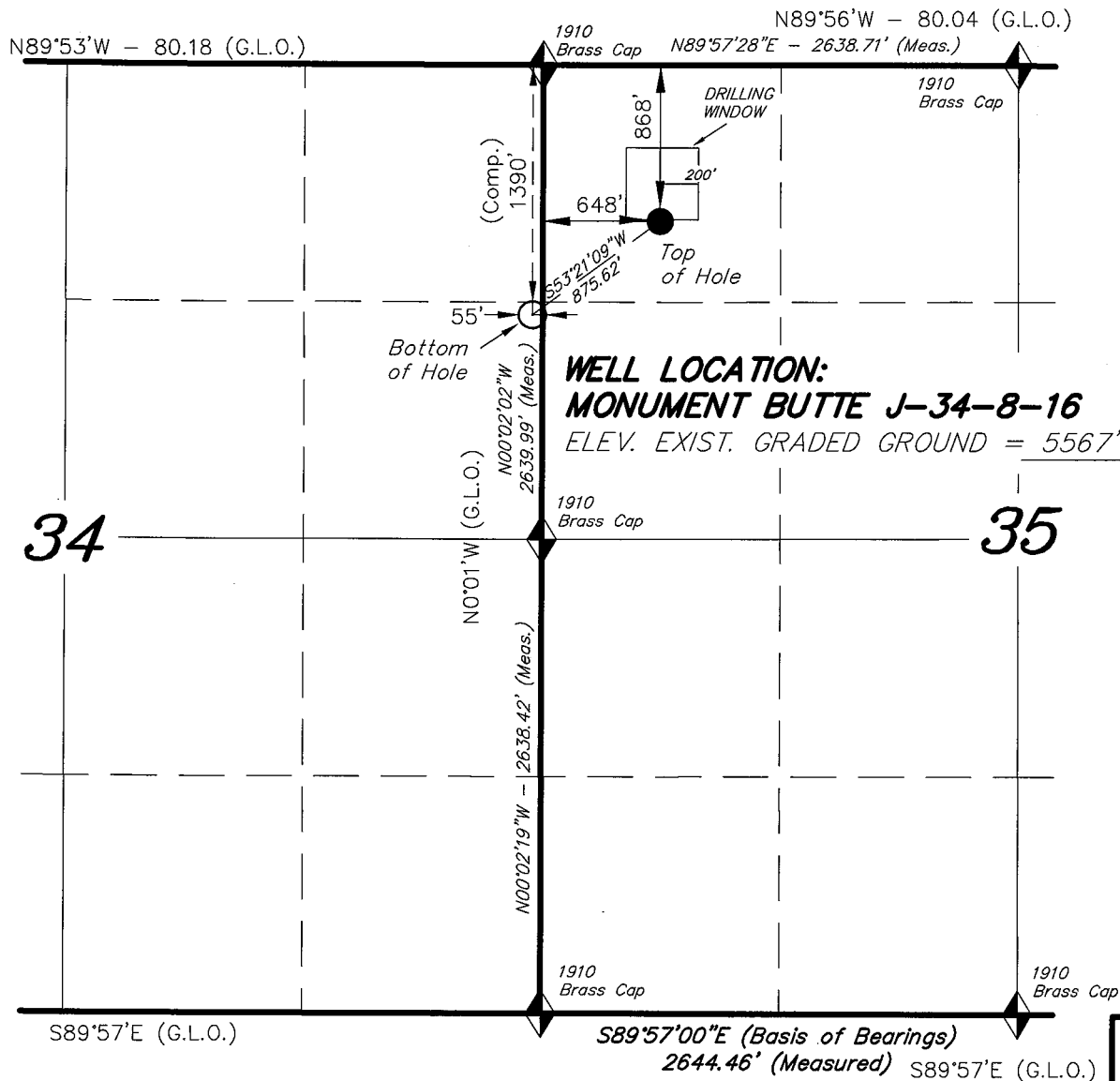
DIV. OF OIL, GAS & MINING

Surf 577330X
4436734Y
40.079224
-110.093051

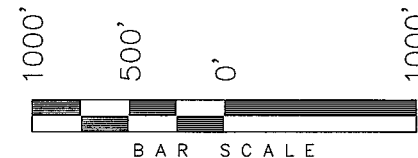
BL 577117X
4436573Y
40.077790
-110.095566

T8S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



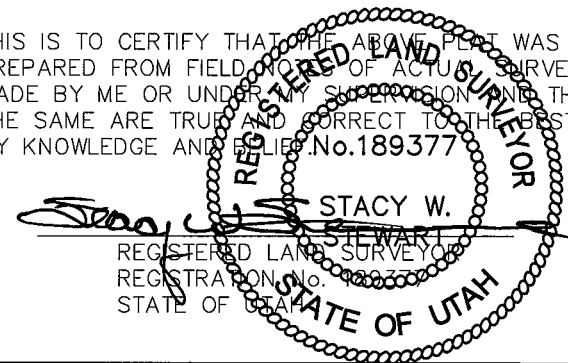
WELL LOCATION, MONUMENT BUTTE J-34-8-16, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 OF SECTION 35, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:

1. The bottom of hole footages are 1390' FNL & 55' FEL in Section 34.
2. The bottom of hole bears N02°33'11\"W 1251.33' from the East 1/4 corner of Section 34.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

MONUMENT BUTTE J-34-8-16
(Surface Location) NAD 83
LATITUDE = 40° 04' 45.34\"
LONGITUDE = 110° 05' 37.62\"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-15-07	SURVEYED BY: R.R.
DATE DRAWN: 02-06-08	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
MONUMENT BUTTE FEDERAL #J-34-8-16
AT SURFACE: NW/NW SECTION 35, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1759'
Green River	1759'
Wasatch	6675'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1759' – 6675' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
MONUMENT BUTTE FEDERAL #J-34-8-16
AT SURFACE: NW/NW SECTION 35, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Monument Butte Federal #J-34-8-16 located in the NW 1/4 NW 1/4 Section 35, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 6.2 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 2.8 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 0.3 miles \pm to it's junction with the beginning of the access road to the existing Monument Butte Federal 4A-35R-8-16 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Monument Butte Federal 4A-35R-8-16 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Monument Butte Federal 4A-35R-8-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Monument Butte Federal J-34-8-16. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Monument Butte Federal J-34-8-16 will be drilled off of the existing Monument Butte Federal 4A-35R-8-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 320' of disturbed area be granted in Lease UTU-16535 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 320' of proposed water injection pipeline will be forthcoming

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Monument Butte Federal J-34-8-16.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	3 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	1 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	0.5 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.10 lbs/acre

Details of the On-Site Inspection

The proposed Monument Butte Federal J-34-8-16 was on-sited on 2/28/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), and Dave Gordon (Bureau of Land Management). Weather conditions were clear and ground covered by snow.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Kevan Stevens
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

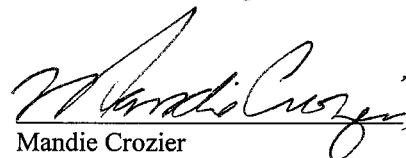
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #J-34-8-16 Section 35, Township 8S, Range 16E: Lease UTU-16535 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/14/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Monument Butte
Well: Monument Butte J-34-8-16
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

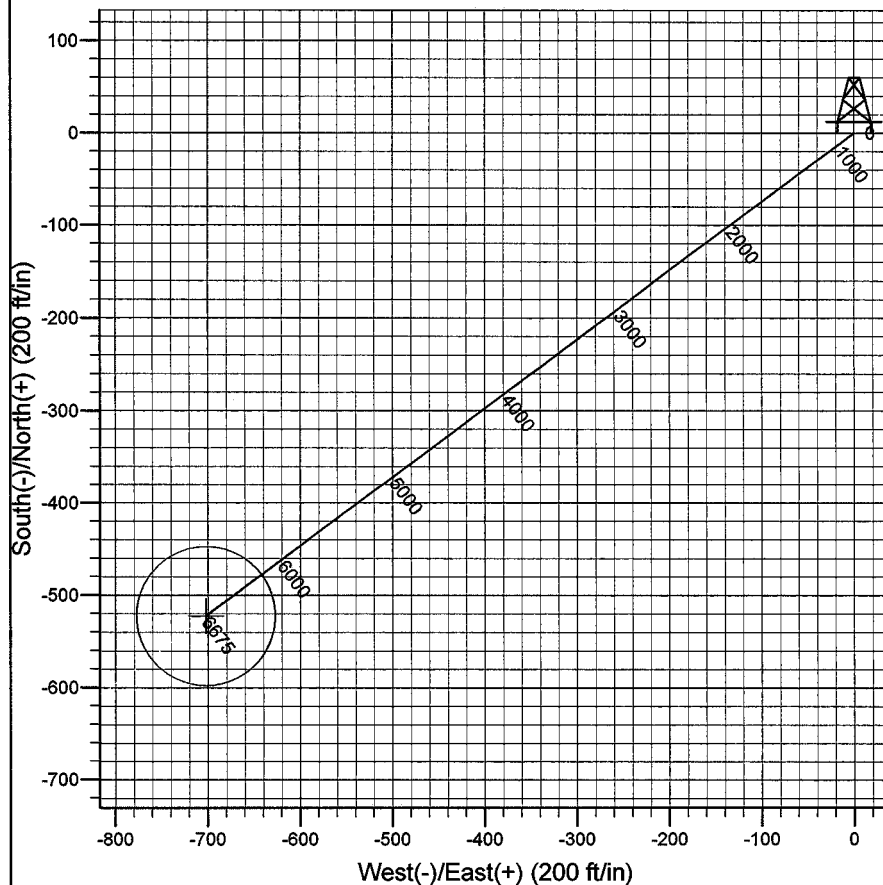
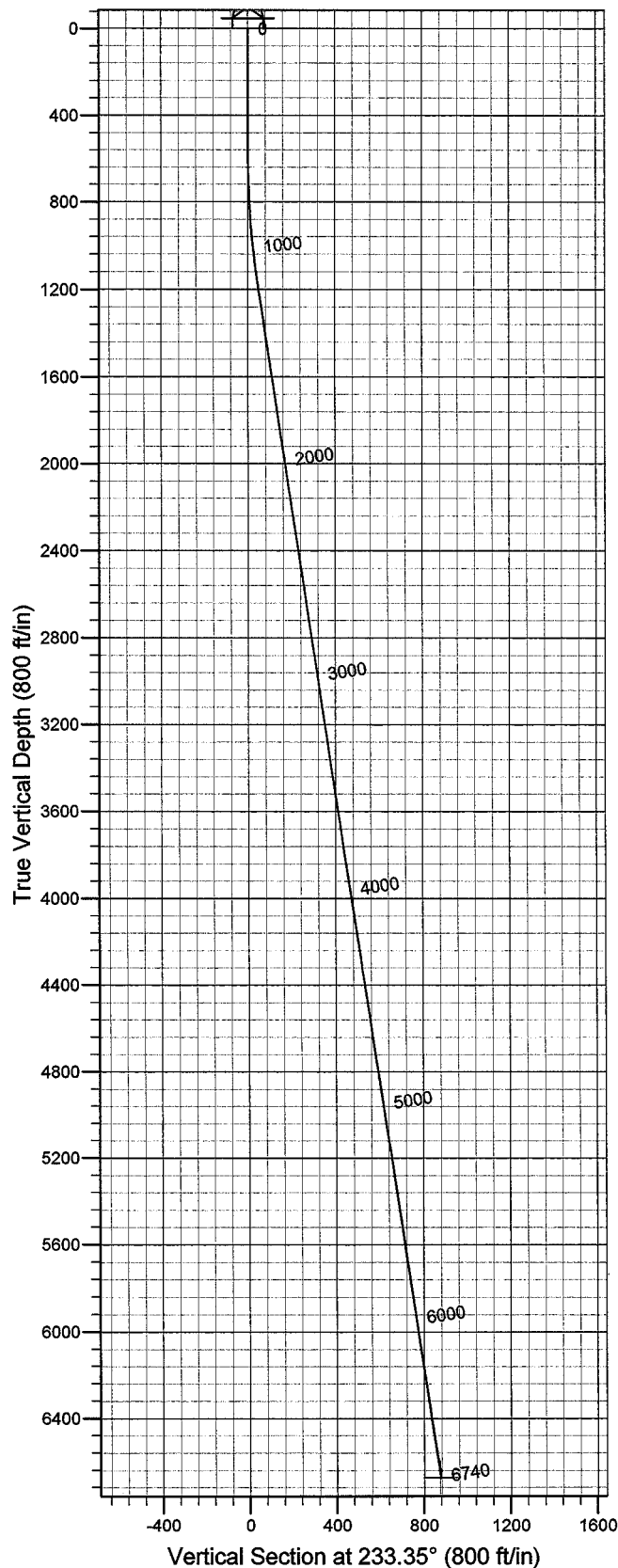


Azimuths to True North
Magnetic North: 11.74°

Magnetic Field
Strength: 52634.0snT
Dip Angle: 65.91°
Date: 2008-02-26
Model: IGRF2005-10

WELL DETAILS: Monument Butte J-34-8-16

GL 5567' & RKB 12' @ 5579.00ft (NDSI 2) 5567.00
+N/-S +E/-W Northing Easting Latitude Longitude
0.00 0.00 7200702.27 2033882.28 40° 4' 45.340 N 110° 5' 37.620 W



Plan: Plan #1 (Monument Butte J-34-8-16/OH)

Created By: Julie Cruse Date: 2008-02-26

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True North

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1173.54	8.60	233.35	1171.38	-25.65	-34.48	1.50	233.35	42.98	
4	6739.78	8.60	233.35	6675.00	-522.68	-702.51	0.00	0.00	875.62	MB J-34-8-16 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Monument Butte

Monument Butte J-34-8-16

OH

Plan: Plan #1

Standard Planning Report

26 February, 2008

Scientific Drilling Planning Report

Database: EDM 2003.16 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Monument Butte
Well: Monument Butte J-34-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Monument Butte J-34-8-16
TVD Reference: GL 5567' & RKB 12' @ 5579.00ft (NDSI 2)
MD Reference: GL 5567' & RKB 12' @ 5579.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project Duchesne County, UT NAD83 UTC

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: Utah Central Zone
System Datum: Mean Sea Level

Site Monument Butte

Site Position:
From: Lat/Long
Position Uncertainty: 0.00 ft
Northing: 7,198,148.60 ft
Easting: 2,036,415.67 ft
Slot Radius: in
Latitude: 40° 4' 19.710 N
Longitude: 110° 5' 5.550 W
Grid Convergence: 0.91 °

Well Monument Butte J-34-8-16, 868' FNL648' FWL Sec 35 T8S R16E

Well Position
+N/-S 0.00 ft
+E/-W 0.00 ft
Position Uncertainty 0.00 ft
Northing: 7,200,702.27 ft
Easting: 2,033,882.28 ft
Wellhead Elevation: ft
Latitude: 40° 4' 45.340 N
Longitude: 110° 5' 37.620 W
Ground Level: 5,567.00 ft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-02-26	11.74	65.91	52,634

Design Plan #1

Audit Notes:

Version: Phase: PLAN Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	233.35

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,173.54	8.60	233.35	1,171.38	-25.65	-34.48	1.50	1.50	0.00	233.35	
6,739.78	8.60	233.35	6,675.00	-522.68	-702.51	0.00	0.00	0.00	0.00	MB J-34-8-16 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Monument Butte
Well: Monument Butte J-34-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Monument Butte J-34-8-16
TVD Reference: GL 5567' & RKB 12' @ 5579.00ft (NDSI 2)
MD Reference: GL 5567' & RKB 12' @ 5579.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	233.35	699.99	-0.78	-1.05	1.31	1.50	1.50	0.00
800.00	3.00	233.35	799.91	-3.12	-4.20	5.23	1.50	1.50	0.00
900.00	4.50	233.35	899.69	-7.03	-9.45	11.77	1.50	1.50	0.00
1,000.00	6.00	233.35	999.27	-12.49	-16.79	20.92	1.50	1.50	0.00
1,100.00	7.50	233.35	1,098.57	-19.51	-26.22	32.68	1.50	1.50	0.00
1,173.54	8.60	233.35	1,171.38	-25.65	-34.48	42.98	1.50	1.50	0.00
1,200.00	8.60	233.35	1,197.55	-28.02	-37.66	46.94	0.00	0.00	0.00
1,300.00	8.60	233.35	1,296.42	-36.95	-49.66	61.90	0.00	0.00	0.00
1,400.00	8.60	233.35	1,395.30	-45.88	-61.66	76.85	0.00	0.00	0.00
1,500.00	8.60	233.35	1,494.17	-54.81	-73.66	91.81	0.00	0.00	0.00
1,600.00	8.60	233.35	1,593.05	-63.73	-85.66	106.77	0.00	0.00	0.00
1,700.00	8.60	233.35	1,691.92	-72.66	-97.66	121.73	0.00	0.00	0.00
1,800.00	8.60	233.35	1,790.80	-81.59	-109.67	136.69	0.00	0.00	0.00
1,900.00	8.60	233.35	1,889.67	-90.52	-121.67	151.65	0.00	0.00	0.00
2,000.00	8.60	233.35	1,988.55	-99.45	-133.67	166.61	0.00	0.00	0.00
2,100.00	8.60	233.35	2,087.42	-108.38	-145.67	181.57	0.00	0.00	0.00
2,200.00	8.60	233.35	2,186.30	-117.31	-157.67	196.52	0.00	0.00	0.00
2,300.00	8.60	233.35	2,285.17	-126.24	-169.67	211.48	0.00	0.00	0.00
2,400.00	8.60	233.35	2,384.05	-135.17	-181.67	226.44	0.00	0.00	0.00
2,500.00	8.60	233.35	2,482.92	-144.10	-193.67	241.40	0.00	0.00	0.00
2,600.00	8.60	233.35	2,581.80	-153.03	-205.68	256.36	0.00	0.00	0.00
2,700.00	8.60	233.35	2,680.67	-161.96	-217.68	271.32	0.00	0.00	0.00
2,800.00	8.60	233.35	2,779.55	-170.89	-229.68	286.28	0.00	0.00	0.00
2,900.00	8.60	233.35	2,878.42	-179.82	-241.68	301.24	0.00	0.00	0.00
3,000.00	8.60	233.35	2,977.30	-188.74	-253.68	316.19	0.00	0.00	0.00
3,100.00	8.60	233.35	3,076.17	-197.67	-265.68	331.15	0.00	0.00	0.00
3,200.00	8.60	233.35	3,175.05	-206.60	-277.68	346.11	0.00	0.00	0.00
3,300.00	8.60	233.35	3,273.92	-215.53	-289.69	361.07	0.00	0.00	0.00
3,400.00	8.60	233.35	3,372.80	-224.46	-301.69	376.03	0.00	0.00	0.00
3,500.00	8.60	233.35	3,471.67	-233.39	-313.69	390.99	0.00	0.00	0.00
3,600.00	8.60	233.35	3,570.55	-242.32	-325.69	405.95	0.00	0.00	0.00
3,700.00	8.60	233.35	3,669.42	-251.25	-337.69	420.91	0.00	0.00	0.00
3,800.00	8.60	233.35	3,768.30	-260.18	-349.69	435.86	0.00	0.00	0.00
3,900.00	8.60	233.35	3,867.17	-269.11	-361.69	450.82	0.00	0.00	0.00
4,000.00	8.60	233.35	3,966.05	-278.04	-373.70	465.78	0.00	0.00	0.00
4,100.00	8.60	233.35	4,064.92	-286.97	-385.70	480.74	0.00	0.00	0.00
4,200.00	8.60	233.35	4,163.79	-295.90	-397.70	495.70	0.00	0.00	0.00
4,300.00	8.60	233.35	4,262.67	-304.82	-409.70	510.66	0.00	0.00	0.00
4,400.00	8.60	233.35	4,361.54	-313.75	-421.70	525.62	0.00	0.00	0.00
4,500.00	8.60	233.35	4,460.42	-322.68	-433.70	540.58	0.00	0.00	0.00
4,600.00	8.60	233.35	4,559.29	-331.61	-445.70	555.53	0.00	0.00	0.00
4,700.00	8.60	233.35	4,658.17	-340.54	-457.71	570.49	0.00	0.00	0.00
4,800.00	8.60	233.35	4,757.04	-349.47	-469.71	585.45	0.00	0.00	0.00
4,900.00	8.60	233.35	4,855.92	-358.40	-481.71	600.41	0.00	0.00	0.00
5,000.00	8.60	233.35	4,954.79	-367.33	-493.71	615.37	0.00	0.00	0.00
5,100.00	8.60	233.35	5,053.67	-376.26	-505.71	630.33	0.00	0.00	0.00
5,200.00	8.60	233.35	5,152.54	-385.19	-517.71	645.29	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Monument Butte
Well: Monument Butte J-34-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Monument Butte J-34-8-16
TVD Reference: GL 5567' & RKB 12' @ 5579.00ft (NDSI 2)
MD Reference: GL 5567' & RKB 12' @ 5579.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	8.60	233.35	5,251.42	-394.12	-529.71	660.25	0.00	0.00	0.00
5,400.00	8.60	233.35	5,350.29	-403.05	-541.71	675.21	0.00	0.00	0.00
5,500.00	8.60	233.35	5,449.17	-411.98	-553.72	690.16	0.00	0.00	0.00
5,600.00	8.60	233.35	5,548.04	-420.91	-565.72	705.12	0.00	0.00	0.00
5,700.00	8.60	233.35	5,646.92	-429.83	-577.72	720.08	0.00	0.00	0.00
5,800.00	8.60	233.35	5,745.79	-438.76	-589.72	735.04	0.00	0.00	0.00
5,900.00	8.60	233.35	5,844.67	-447.69	-601.72	750.00	0.00	0.00	0.00
6,000.00	8.60	233.35	5,943.54	-456.62	-613.72	764.96	0.00	0.00	0.00
6,100.00	8.60	233.35	6,042.42	-465.55	-625.72	779.92	0.00	0.00	0.00
6,200.00	8.60	233.35	6,141.29	-474.48	-637.73	794.88	0.00	0.00	0.00
6,300.00	8.60	233.35	6,240.17	-483.41	-649.73	809.83	0.00	0.00	0.00
6,400.00	8.60	233.35	6,339.04	-492.34	-661.73	824.79	0.00	0.00	0.00
6,500.00	8.60	233.35	6,437.92	-501.27	-673.73	839.75	0.00	0.00	0.00
6,600.00	8.60	233.35	6,536.79	-510.20	-685.73	854.71	0.00	0.00	0.00
6,700.00	8.60	233.35	6,635.67	-519.13	-697.73	869.67	0.00	0.00	0.00
6,739.78	8.60	233.35	6,675.00	-522.68	-702.51	875.62	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
MB J-34-8-16 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,675.00	-522.68	-702.51	7,200,168.62	2,033,188.08	40° 4' 40.174 N	110° 5' 46.658 W

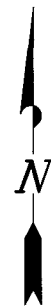
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

MONUMENT BUTTE J-34-8-16 (Proposed Well)

MONUMENT BUTTE 4A-35R-8-16 (Existing Well)

Pad Location: NWNW Section 35, T8S, R16E, S.L.B.&M.



Existing Road

Existing Access

Existing
Stock Pile

Edge of
Existing Pad

Existing
Anchor
(Typ.)

TOP HOLE FOOTAGES

J-34-8-16 (PROPOSED)
868' FNL & 648' FWL

BOTTOM HOLE FOOTAGES

J-34-8-16 (PROPOSED)
1390' FNL & 55' FEL

Existing
Tanks

Boiler

Pump
Jack

J-34-8-16 (PROPOSED)

N83°50'08"E

4A-35R-8-16 (EXISTING)

Future Pit

(To Bottom Hole)
S53°21'09"W - 875.62'

Note:

Bearings are based on
GLO Information.

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
J-34-8-16	-523'	-703'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
J-34-8-16	40° 04' 45.34"	110° 05' 37.62"
4A-35R-8-16	40° 04' 45.21"	110° 05' 37.41"

SURVEYED BY: R.R.	DATE SURVEYED: 11-15-07
DRAWN BY: L.C.S.	DATE DRAWN: 02-06-08
SCALE: 1" = 50'	REVISED:

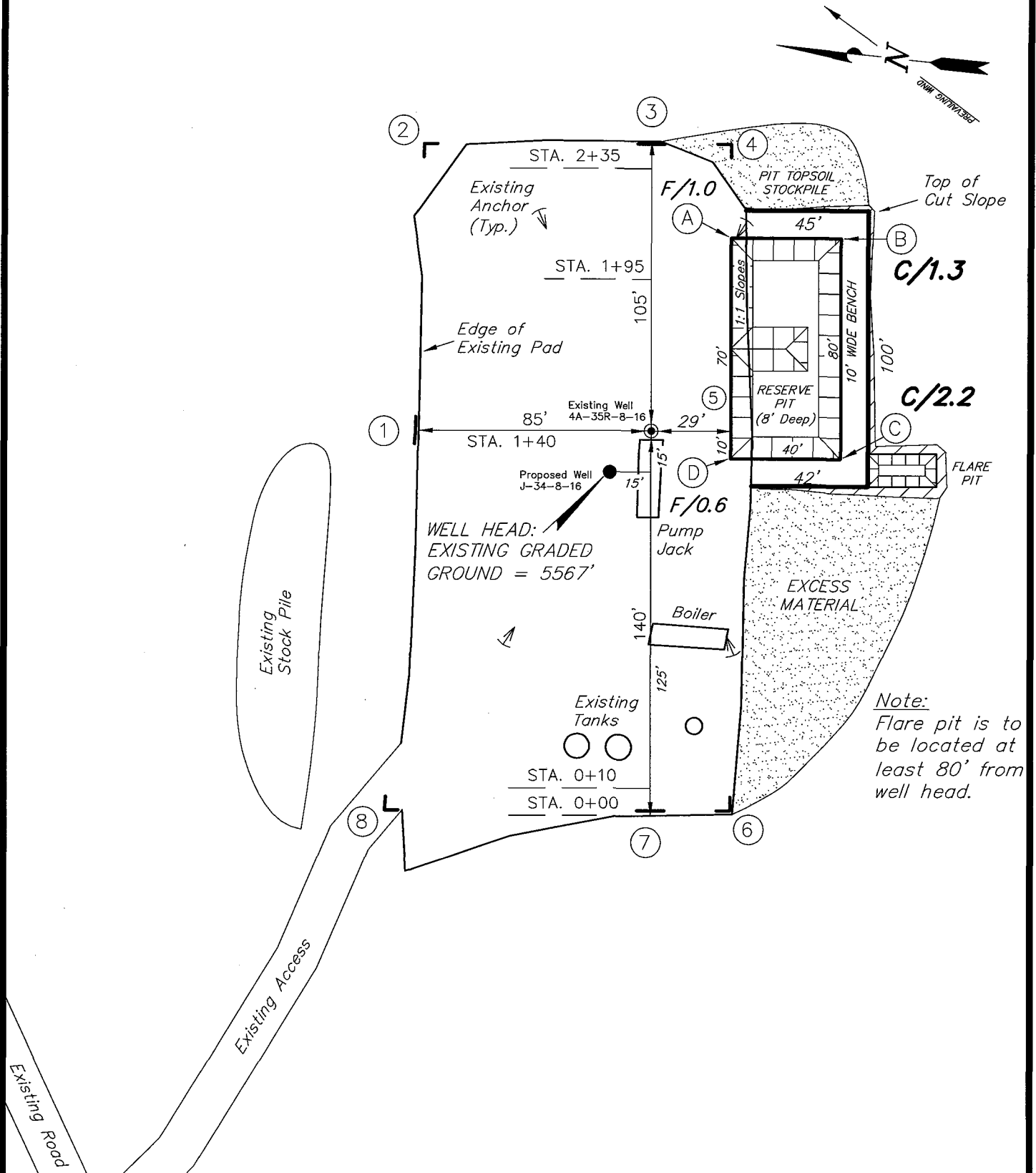
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

MONUMENT BUTTE J-34-8-16 (Proposed Well)

MONUMENT BUTTE 4A-35R-8-16 (Existing Well)

Pad Location: NWNW Section 35, T8S, R16E, S.L.B.&M.



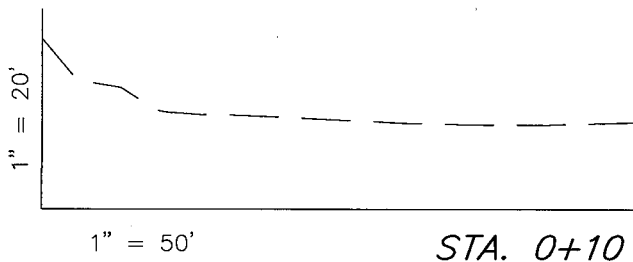
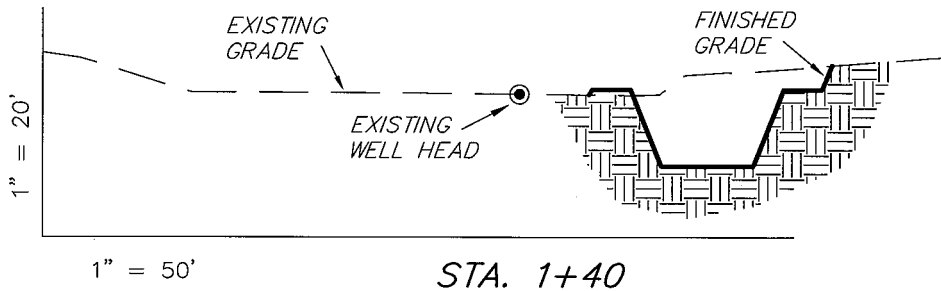
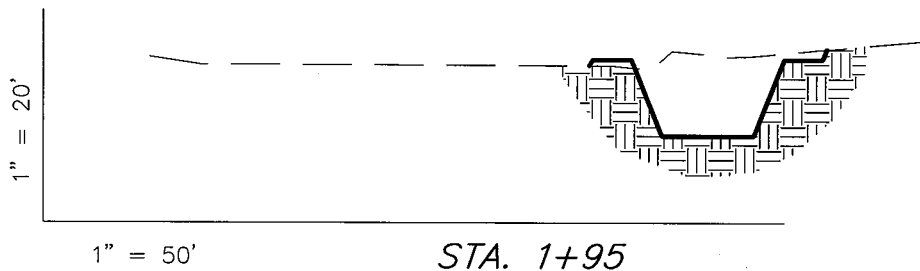
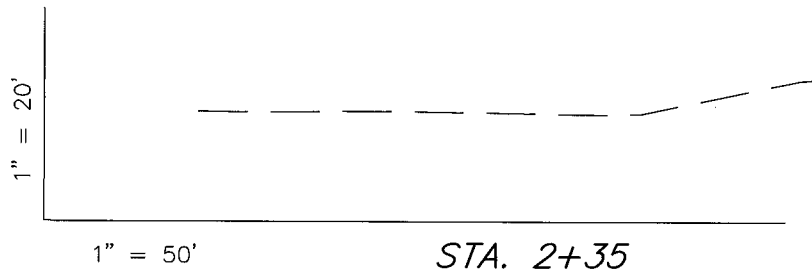
SURVEYED BY: R.R.	DATE SURVEYED: 11-15-07
DRAWN BY: F.T.M.	DATE DRAWN: 02-06-08
SCALE: 1" = 50'	REVISED:

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

MONUMENT BUTTE J-34-8-16 (Proposed Well)
MONUMENT BUTTE 4A-35R-8-16 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

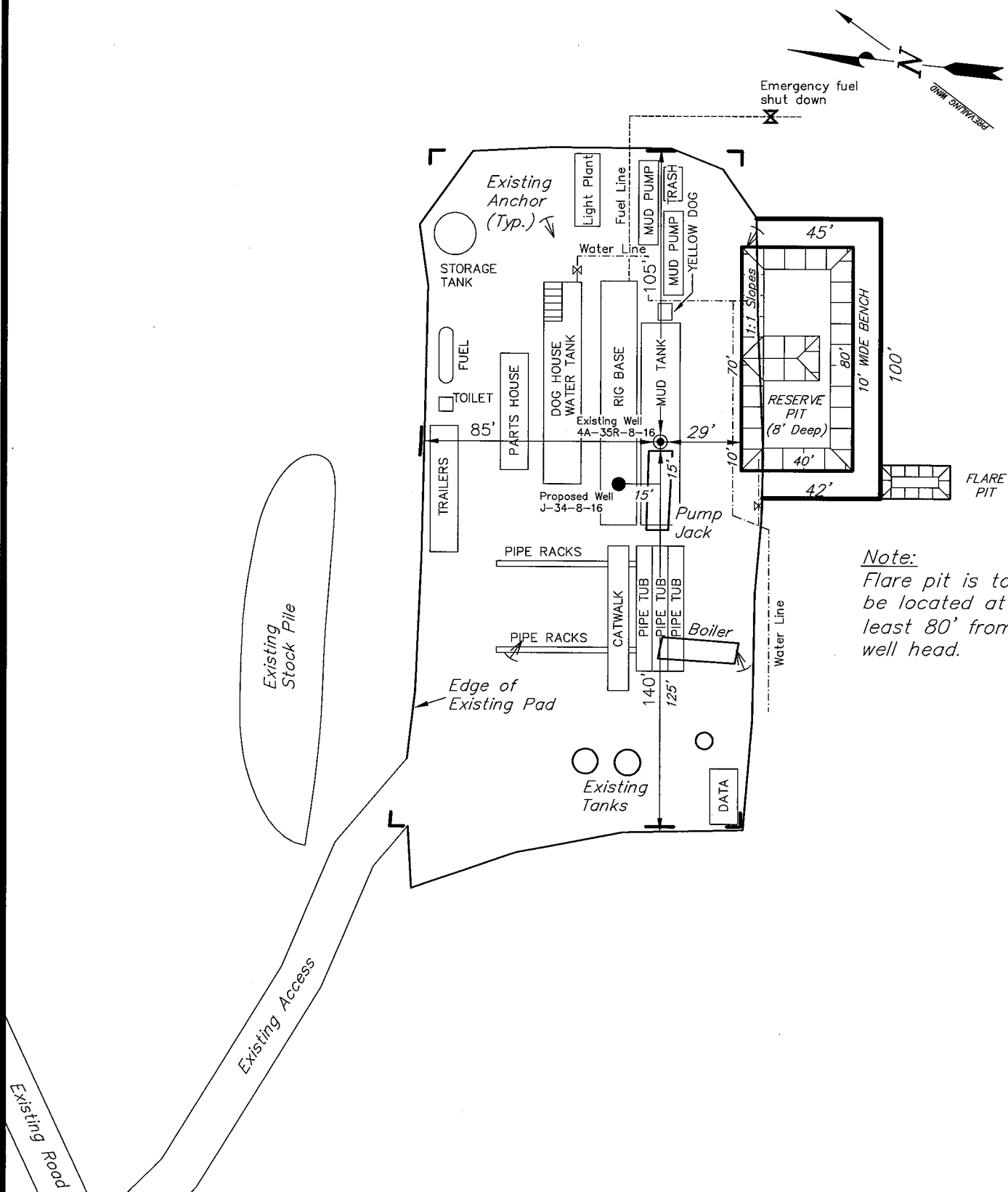
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	250	30	Topsoil is not included in Pad Cut	220
PIT	640	0		640
TOTALS	890	30	130	860

SURVEYED BY: R.R.	DATE SURVEYED: 11-15-07
DRAWN BY: F.T.M.	DATE DRAWN: 02-06-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
MONUMENT BUTTE J-34-8-16 (Proposed Well)
MONUMENT BUTTE 4A-35R-8-16 (Existing Well)



Note:
 Flare pit is to be located at least 80' from well head.

SURVEYED BY: R.R.	DATE SURVEYED: 11-15-07
DRAWN BY: F.T.M.	DATE DRAWN: 02-06-08
SCALE: 1" = 50'	REVISED:

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

Newfield Production Company Proposed Site Facility Diagram

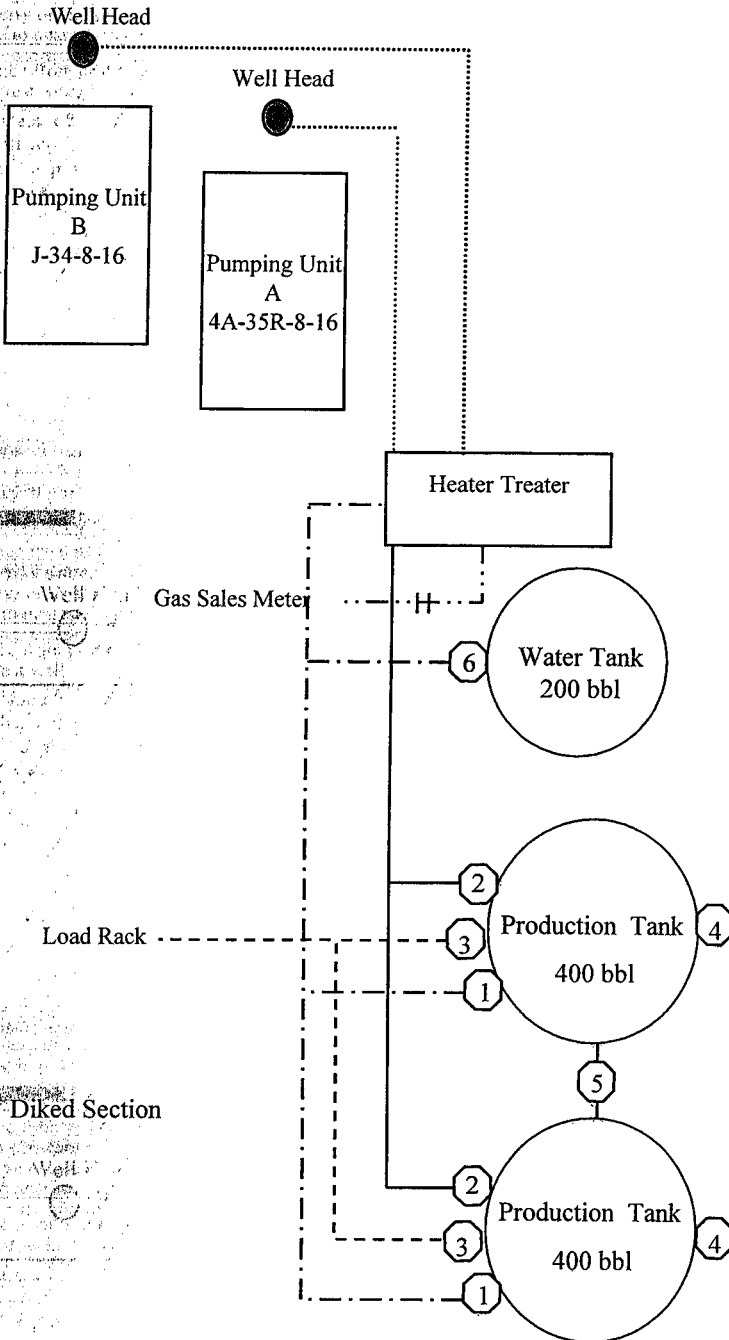
Monument Butte Federal J-34-8-16

From the 4A-35R-8-16 Location

NW/NW Sec. 35 T8S, R16E

Duchesne County, Utah

UTU-16535



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

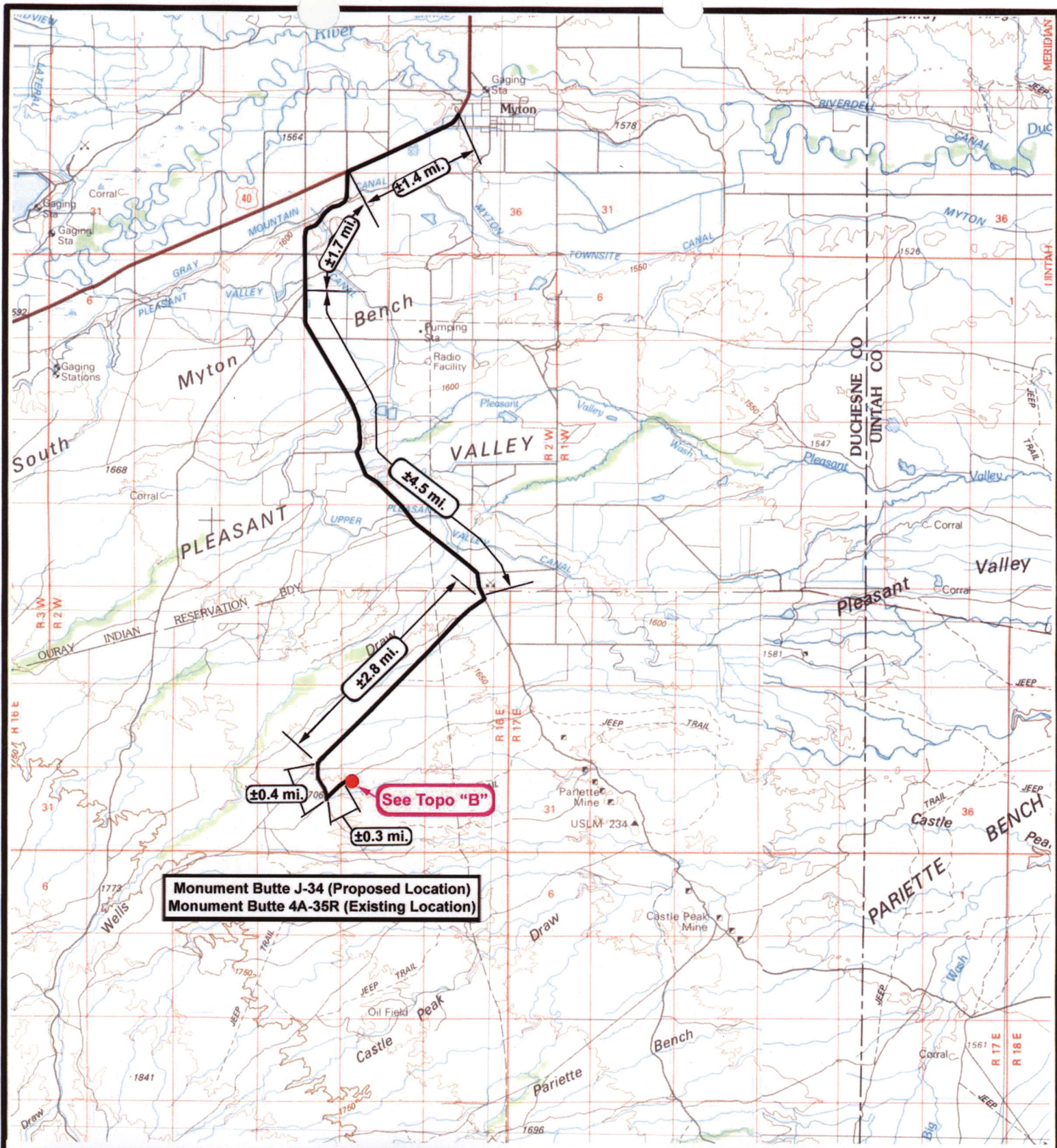
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

Emulsion Line
Load Rack	-----
Water Line	- - - - -
Gas Sales
Oil Line	—————



Monument Butte J-34 (Proposed Location)
Monument Butte 4A-35R (Existing Location)

NEWFIELD
Exploration Company

Monument Butte J-34-8-16 (Proposed Location)
Monument Butte 4A-35R-8-16 (Existing Location)
Pad Location NWNW Sec 35. T8S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

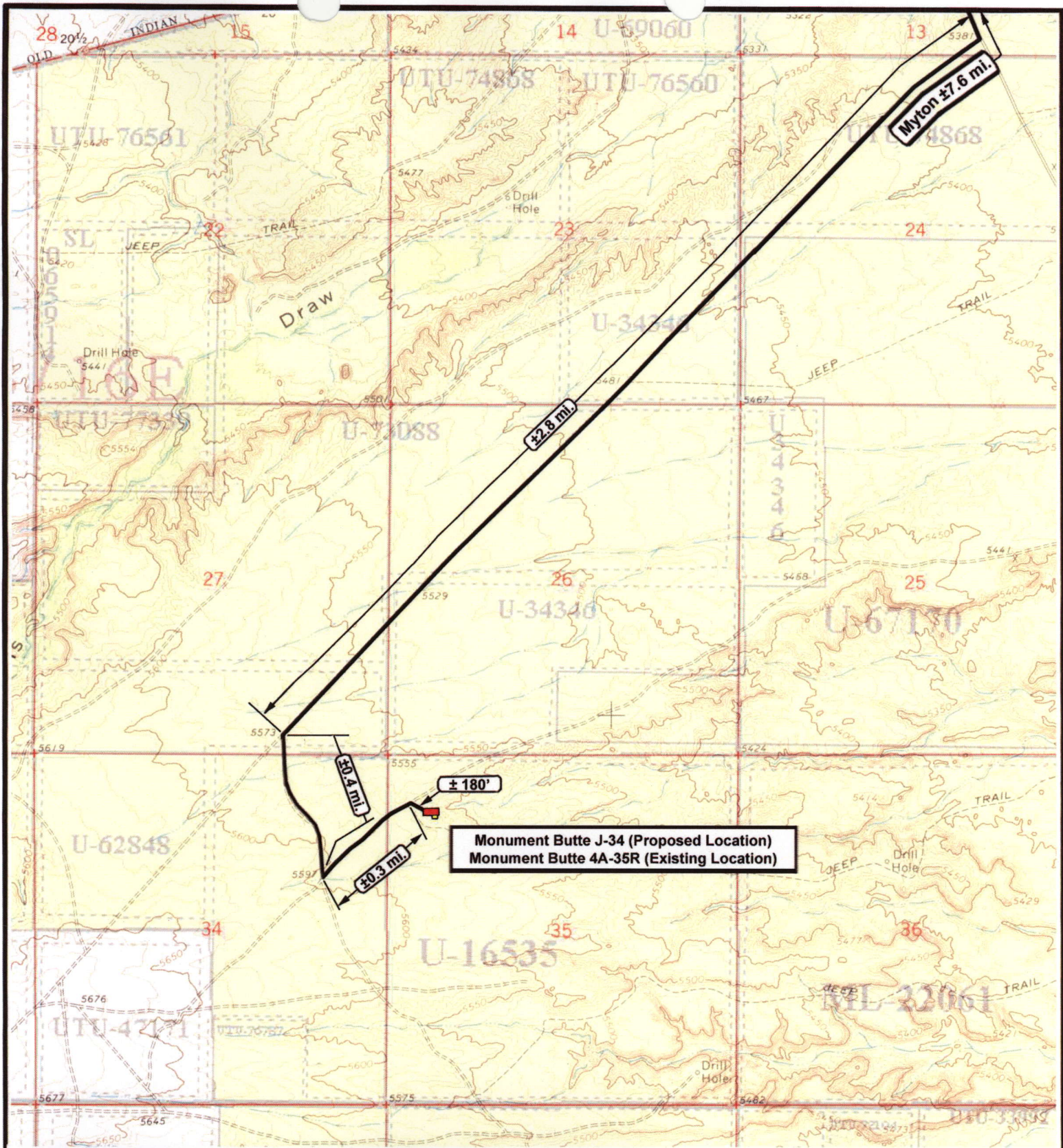
SCALE: 1 : 100,000
DRAWN BY: mw
DATE: 02-13-2008


Legend

Existing Road

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Monument Butte J-34-8-16 (Proposed Location)
Monument Butte 4A-35R-8-16 (Existing Location)
 Pad Location NWNW Sec 35. T8S, R16E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

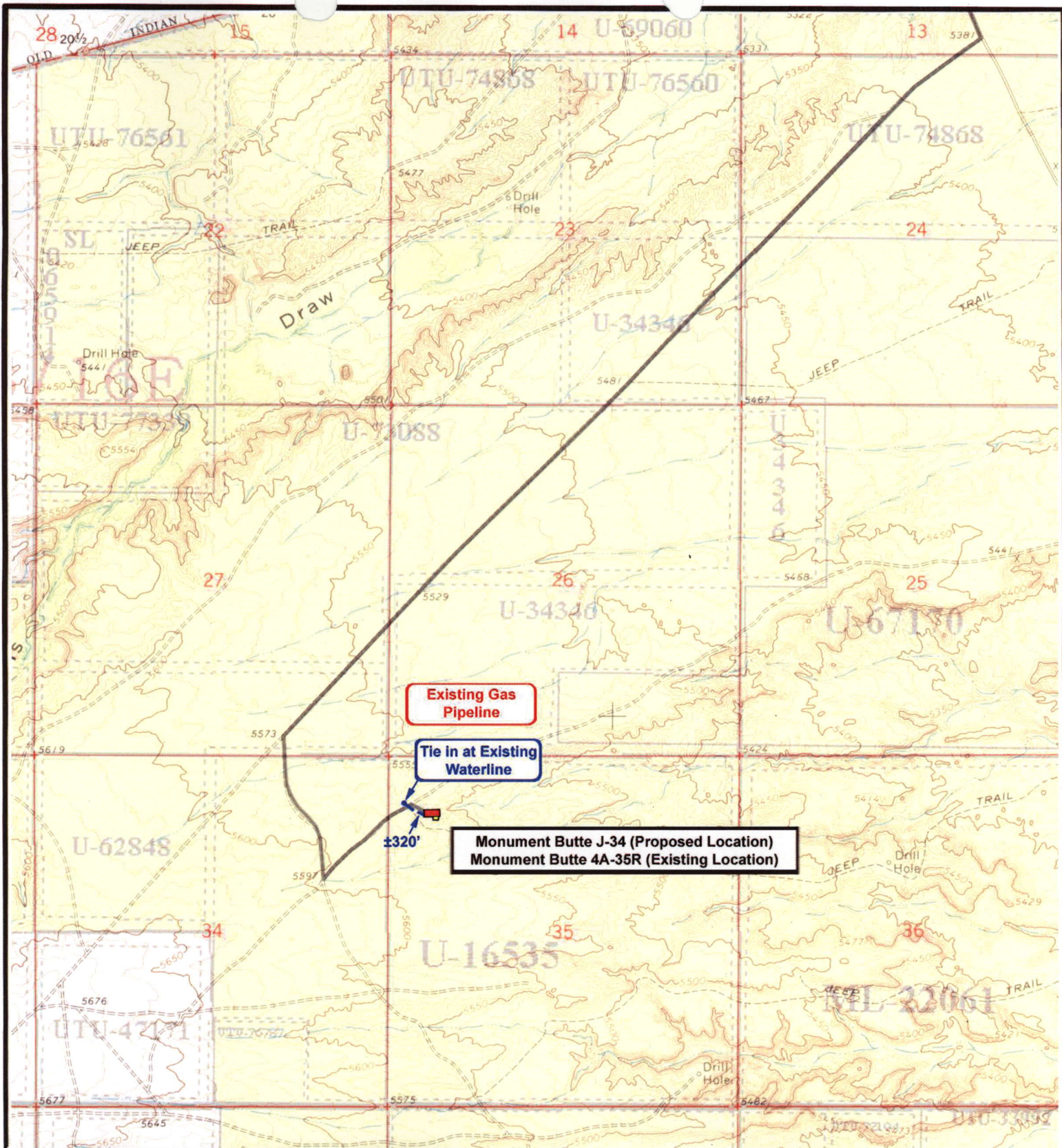
DATE: 02-13-2008


Legend

— Existing Road

TOPOGRAPHIC MAP

"B"





NEWFIELD
Exploration Company

Monument Butte J-34-8-16 (Proposed Location)
Monument Butte 4A-35R-8-16 (Existing Location)
 Pad Location NWNW Sec 35, T8S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

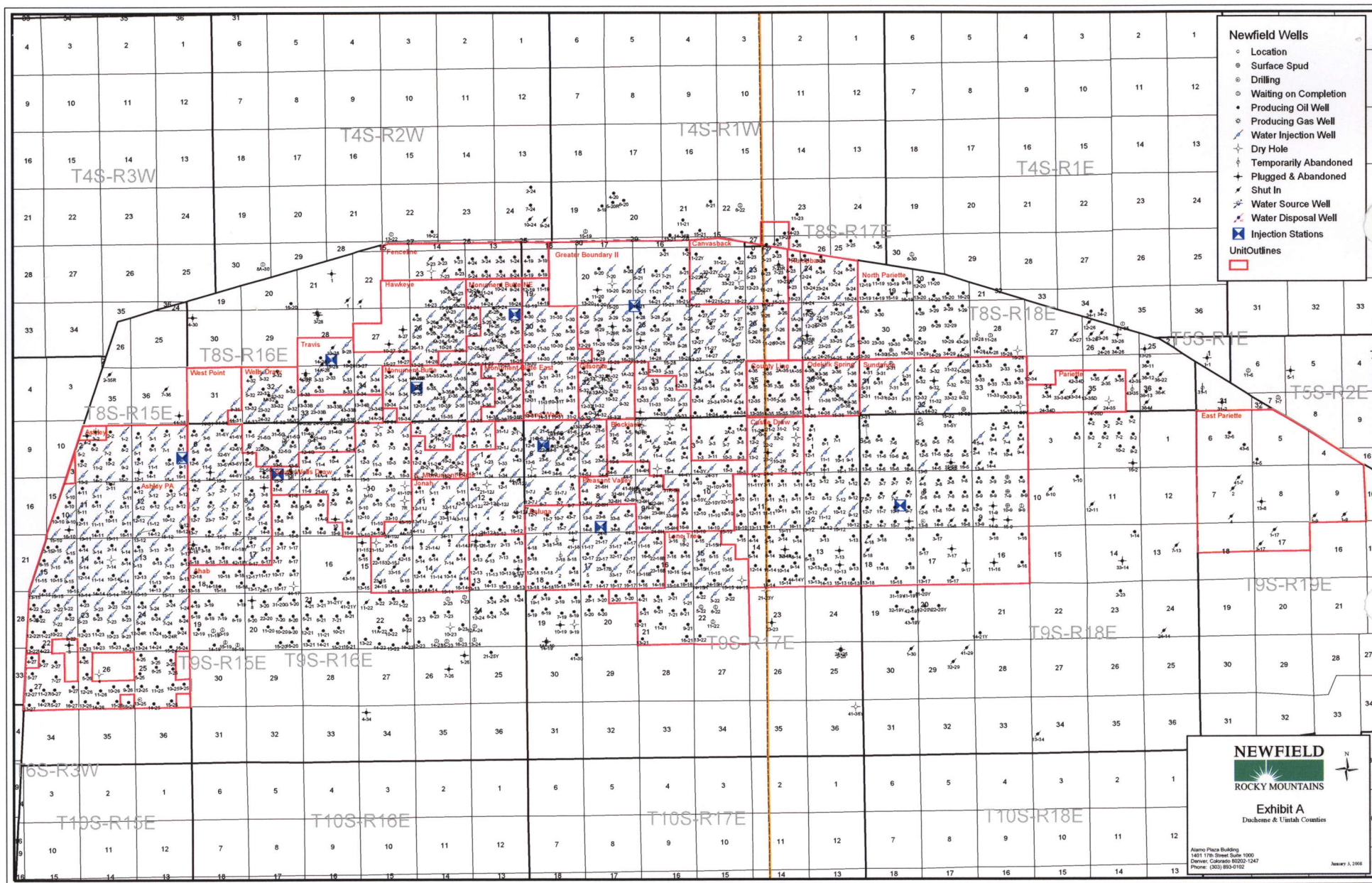
SCALE: 1" = 2000'
 DRAWN BY: mw
 DATE: 02-13-2008

Legend

— Roads
 - - - Proposed Water Line

TOPOGRAPHIC MAP

"C"



Newfield Wells

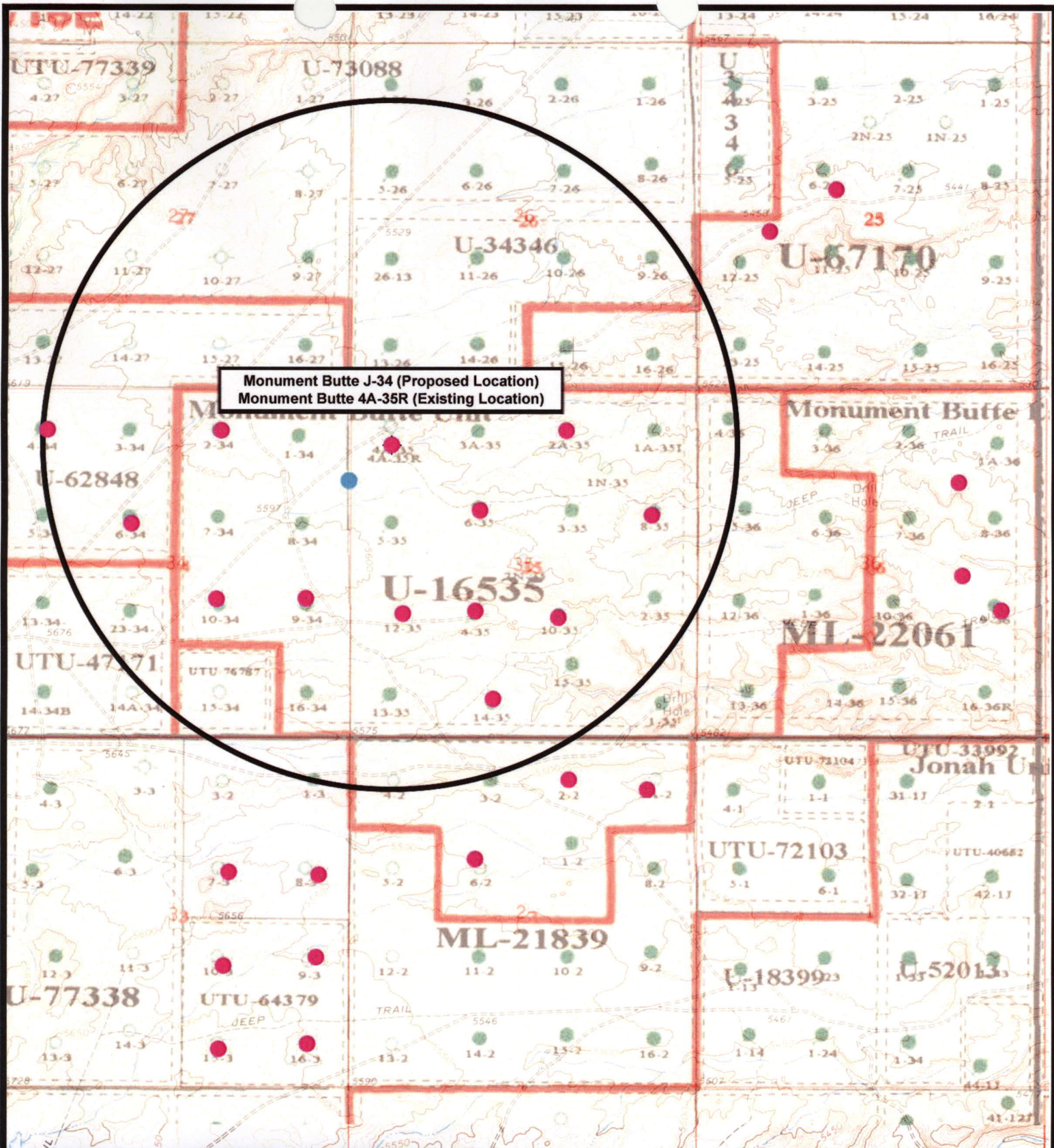
- Location
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Water Source Well
- Water Disposal Well
- Injection Stations
- Unit Outlines

NEWFIELD
ROCKY MOUNTAINS

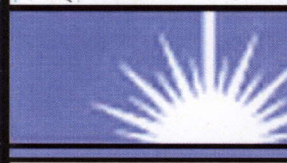


Exhibit A
Duchesne & Uintah Counties

Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 855-0102

January 3, 2008



Monument Butte J-34 (Proposed Location)
Monument Butte 4A-35R (Existing Location)

 <p>NEWFIELD Exploration Company</p> <p>Monument Butte J-34-8-16 (Proposed Location) Monument Butte 4A-35R-8-16 (Existing Location) Pad Location NWNW Sec 35. T8S, R16E, S.L.B.&M.</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: mw DATE: 02-13-2008</p>	<p>Legend</p> <ul style="list-style-type: none"> ● Pad Location ● Bottom Hole Location ○ One-Mile Radius <p>Exhibit "B"</p>
---	---	---	--

2-M SYSTEM
Blowout Prevention Equipment Systems

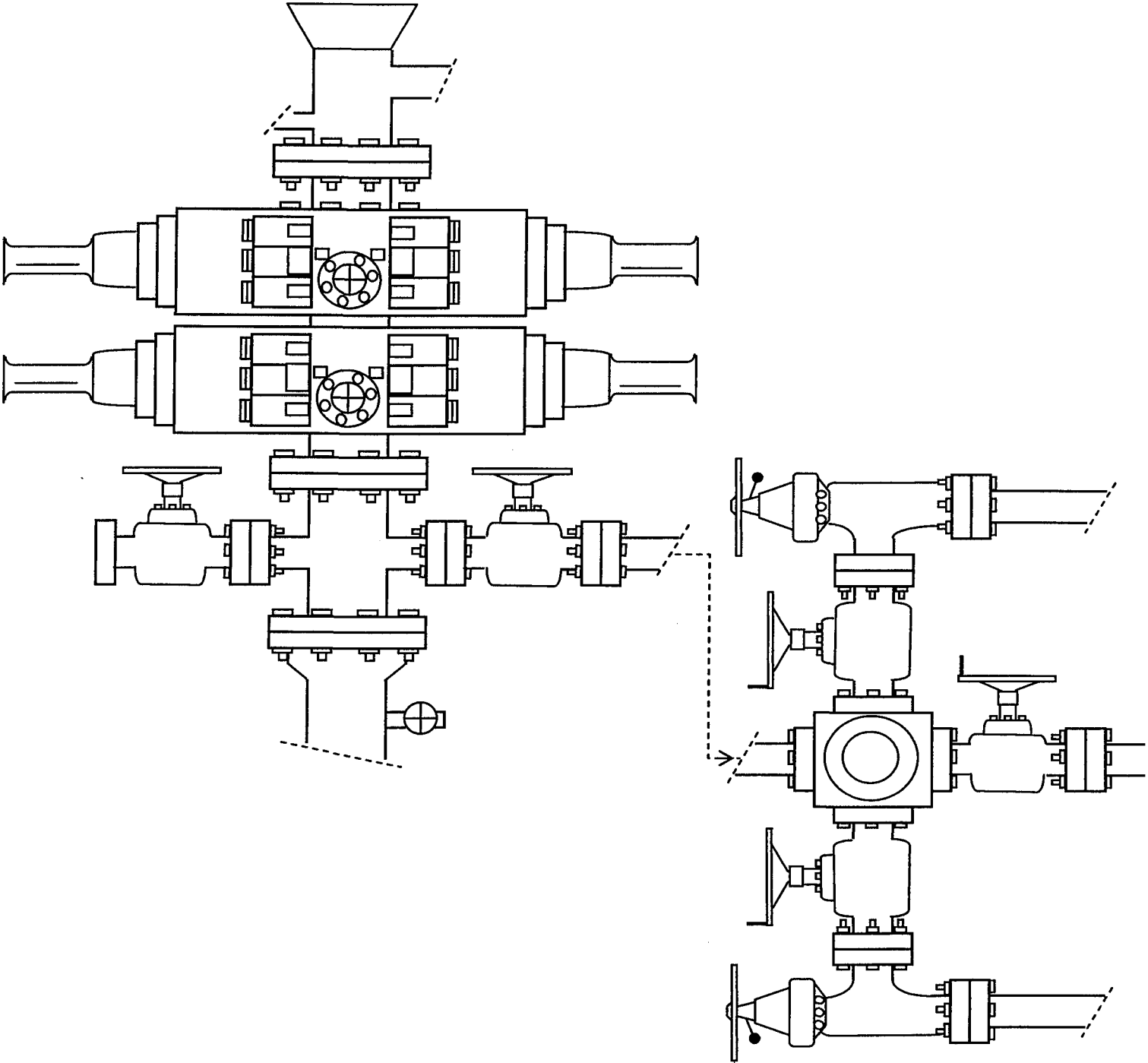


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/18/2008

API NO. ASSIGNED: 43-013-33936

WELL NAME: MB FED J-34-8-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NWNW 35 080S 160E

SURFACE: 0868 FNL 0648 FWL

BOTTOM: 1390 FNL 0055 FEL Sec 34

COUNTY: DUCHESNE

LATITUDE: 40.07922 LONGITUDE: -110.0931

UTM SURF EASTINGS: 577330 NORTHINGS: 4436734

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-163535

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. 43-10136)

☒ RDCC Review (Y/N)

(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit: MONUMENT BUTTE (GR D)

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 213-01(B)

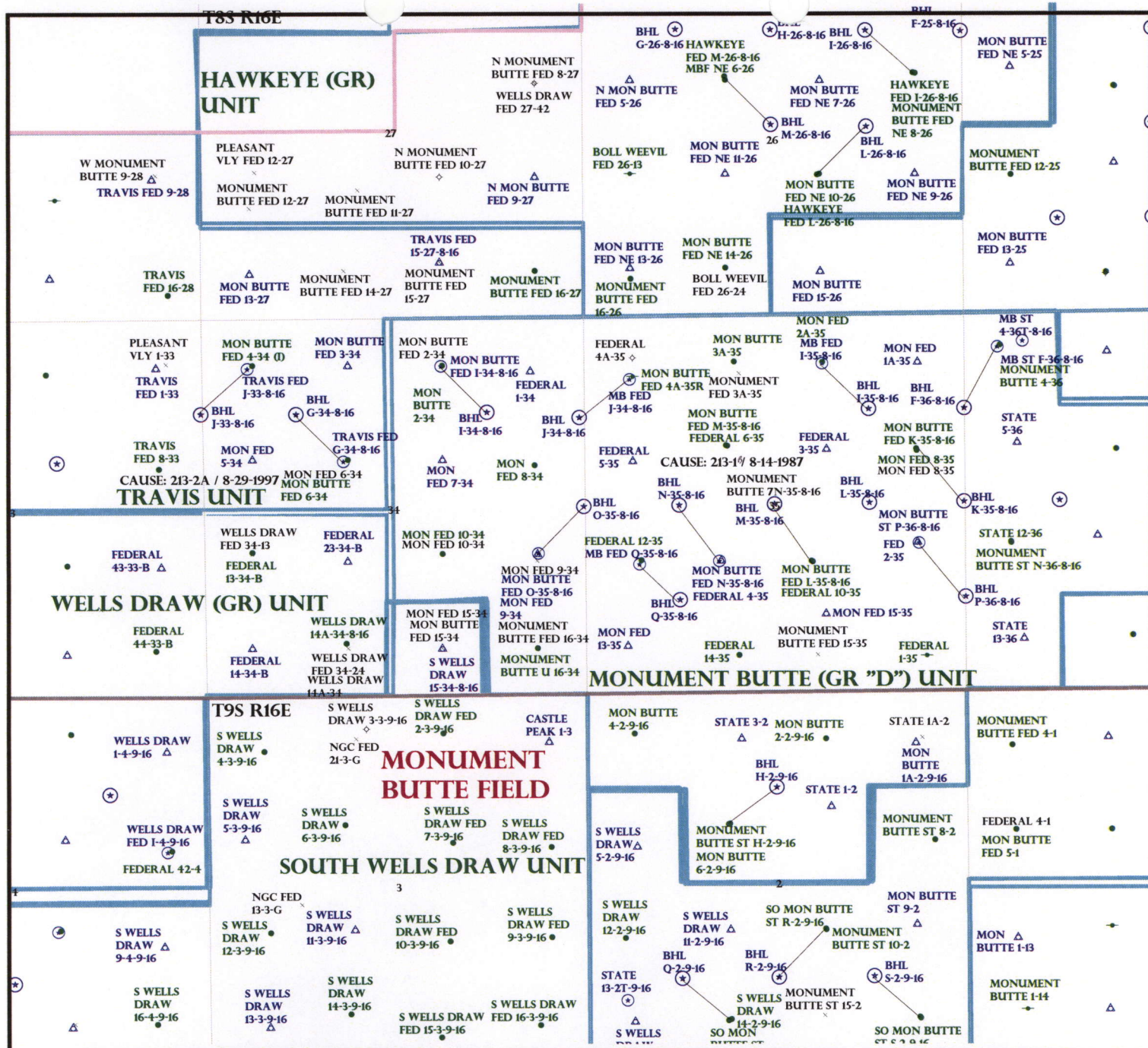
Eff Date: 10-26-2006

Siting: Suspended General (Siting)

☒ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 35 T.8S R.16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 213-1 / 8-14-1987



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 20-MARCH-2008

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

March 25, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Monument Butte Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2008 within the Monument Butte Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Green River)

43-013-33936	Mon Butte Fed J-34-8-16 Sec 35 T08S R16E 0868 FNL 0648 FWL	
	BHL Sec 34 T08S R16E 1390 FNL 0055 FEL	

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-25-08



March 24, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Monument Butte Federal J-34-8-16
Monument Butte Unit
UT080P49-8861680
Surface Hole: T8S R16E, Section 35: NWNW
868' FNL 648' FWL
Bottom Hole: T8S R16E, Section 34:
1390' FNL 55' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated March 14, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Monument Butte Federal Unit UT080P49-8861680. Newfield certifies that it is the Monument Butte Unit Operator and all lands within 460 feet of the entire directional well bore are within the Monument Butte Unit.

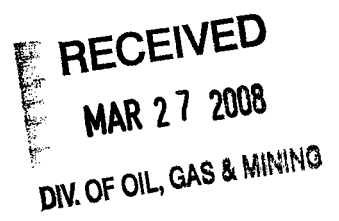
NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-16535

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Monument Butte Unit

8. Lease Name and Well No.

Monument Butte Federal J-34-8-16

9. API Well No.

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NW/NW 868' FNL 648' FWL Sec. 35, T8S R16E

At proposed prod. zone 1390' FNL 55' FEL Sec. 34, T8S R16E

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 34, T8S R16E

14. Distance in miles and direction from nearest town or post office*

Approximately 11.2 miles southwest of Myton, Utah

12. County or Parish

Duchesne

13. State

UT

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)

Approx. 1390' f/lse, 1390' f/unit

16. No. of Acres in lease

920.00

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1246'

19. Proposed Depth

6675'

20. BLM/BIA Bond No. on file

WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5567' GL

22. Approximate date work will start*

2 nd Quarter 2008

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Title

Regulatory Specialist

Name (Printed/Typed)

Mandie Crozier

Date

3/14/08

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct
operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED
MAR 27 2008
DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

March 31, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Monument Butte Federal J-34-8-16 Well, Surface Location 868' FNL, 648' FWL, NW NW, Sec. 35, T. 8 South, R. 16 East, Bottom Location 1390' FNL, 55' FEL, SE NE, Sec. 34, T. 8 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33936.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Monument Butte Federal J-34-8-16
API Number: 43-013-33936
Lease: UTU-16535

Surface Location: NW NW Sec. 35 T. 8 South R. 16 East
Bottom Location: SE NE Sec. 34 T. 8 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

868 FNL 648 FWL NW/NW Section 35, T8S R16E

5. Lease Designation and Serial No.

UTU-16535

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

MONUMENT BUTTE

8. Well Name and No.

MONUMENT BUTTE FED J-34-8-16

9. API Well No.

43-013-33936

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-11-09

COPY SENT TO OPERATOR

By: [Signature]

Date: 3-18-2009

Initials: KS

RECEIVED

MAK 09 2009

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

3/3/2009

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

RESET

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33935
Well Name: Monument Butte Federal J-34-8-16
Location: NW/NW Section 35, T8S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/31/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒


Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

3/3/2009
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

MAR 09 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

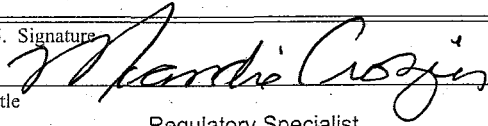
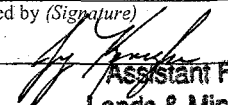
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-16535
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Monument Butte Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Monument Butte Federal J-34-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013-33936
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/NW 868' FNL 648' FWL Sec. 35, T8S R16E At proposed prod. zone 1390' FNL 55' FEL Sec. 34, T8S R16E SELF		10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R16E		12. County or Parish Duchesne
13. State UT		14. Distance in miles and direction from nearest town or post office* Approximately 11.2 miles southwest of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1390' f/ls, 1390' f/unit	16. No. of Acres in lease 920.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1246'	19. Proposed Depth 6675'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5567' GL	22. Approximate date work will start* 2 nd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/14/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kencelka	Date MAR 19 2009
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED

MAR 25 2009

DIV. OF OIL, GAS & MINING

UDOGM

NOS 2.19.08
08PP0463A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4401



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

Location: NWNW, Sec. 35, T8S, R16E (S)
SENE, Sec. 34, T8S, R16E (B)

Well No: Federal J-34-8-16

Lease No: UTU-16535

API No: 43-013-33936

Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist	David Gordon	(435) 781-4424	
NRS/Enviro Scientist	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist	Holly Villa	(435) 781-4404	(435) 828-3544
		Fax: (435) 781-3420	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SURFACE CONDITIONS OF APPROVAL

NEPA Document number: DOI-BLM-UT-2008-0695-EA

Company/Operator: Newfield Production Company

Well Name & Number: Travis Federal G-34-8-16, Monument Butte State P-36-8-16, and Monument Butte Federal I-34-8-16, Monument Butte Federal N-35-8-16, Wells Draw Federal P-34-8-16, Monument Butte Federal I-35-8-16, Monument Butte Federal O-35-8-16, and Monument Butte Federal J-34-8-16

Surface Ownership: BLM

CONDITIONS OF APPROVAL:

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim and Final Reclamation

Reclamation Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, and trash. Any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1. The reserve pit and the portion of the well not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, or as soon as environmental conditions allow. The stockpiled pit topsoil will then be spread over the pit area. Seeding shall be implemented in the fall only, between August 15 and December 15. The seed shall be drilled wherever possible. If the seed is

aerially broadcasted, then the seed shall be covered immediately (crimped into the topsoil with a bulldozer or other heavy equipment). *Forage Kochia shall be applied to the surface and not covered.* If initial seeding is not successful, reseeding may be required.

Interim and Final Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Sandberg bluegrass	<i>Poa secunda</i>	2.0	¼ - ½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"
Western wheatgrass	<i>Pascopyrum smithii</i>	2.0	½"
Ephraim Crested Wheatgrass	<i>Agropyron cristatum</i> var. <i>Ephraim</i>	2.0	½"
Ladak Alfalfa	<i>Medicago sativa</i> var. <i>Ladak</i>	1.0	½"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. *Final seed mix:* same as interim unless otherwise instructed.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface.
- All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- **Variance(s) to Onshore Order #2 Drilling Operations III. E.**
 - Automatic igniter or continuous pilot light on the blooie line
Requirement waived for ignitor and pilot light
 - Operators blooie line output fluid stream is an aerated water stream
Compressors located in opposite direction from the blooie line a minimum of 100 feet
Compressors are truck mounted. Operators standard practice is to rig up with truck mounted compressors oriented ninety degrees to blooie line. Compressors are truck mounted with spark arresters.
 - Requirement for rotating head equipment
Requirement waived for rotating head equipment
Substitution of rotating head equipment with a diverter bowl equipment (drilling without back pressure)
 - Specification of blooie line discharge where Blooie line discharge 100 feet from well bore.
Blooie line can be 35 feet for surface hole drilling.
 - No hydrocarbons present in drilled intervals reduced size well pad
 - Covering mud drilling operations, a variance is granted for Onshore Order #2 Drilling Operations III. C. Mud Program Requirements "flare line discharge shall be located not less than 100 feet from well head" Flare line discharge line can be 80 feet.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface.
A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.

- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (1/4, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion

Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross Rig # 29
Submitted By Jay Burton Phone Number 435-823-6014
Well Name/Number Monument Butte Federal J-34-8-16
Qtr/Qtr NW/NW Section 35 Township 8S Range 16E
Lease Serial Number UTU-16535
API Number 43-013-33936

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 10-19-09 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 10-19-09 3:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks Spud With Ross Rig #29 At 9:00 AM Run Csg @ 3:00 PM 10/19/09

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	10835	43-013-33936	mB FEDERAL J-34-8-16	NWNW	35	8S	16E	DUCHESNE	10/19/09	10/27/09
WELL 1 COMMENTS: GRUV BHL = Sec 34 SENE											
B	99999	13031	43-047-40246	Pariette FEDERAL S-34-8-18	NWSE	34	8S	18E	UINTAH	10/20/09	10/27/09
WELL 2 COMMENTS: GRUV BHL = SWNW											
A	99999	17394	43-013-50081	WEDIG 14-22-4-1W	SESW	22	4S	1W	DUCHESNE	10/16/09	10/27/09
WELL 3 COMMENTS: GRUV											
WELL 5 COMMENTS											
WELL 5 COMMENTS											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

RECEIVED
OCT 27 2009

DIV. OF OIL, GAS & MINING

Kim Swasey
Signature
Kim Swasey
Production Analyst
10/27/2009
Title Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

868 FNL 648 FWL

NWNW Section 34 T8S R16E

5. Lease Serial No.

USA UTU-16535

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

MON BUTTE UNIT

8. Well Name and No.

FEDERAL J-34-8-16

9. API Well No.

4301333936

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat.	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10-19-09 MIRU ROSS spud rig #29. Drill 320' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 319.3.

On 10-26-09 Cement with 160 sks of Class "G" w/ 2% CaCl+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 4 bbls cement to pit.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Xabier Lasa

Signature

Title

Drilling Foreman

Date

10/26/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

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NOV 02 2009

DEPT. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT

319.3

LAST CASING	8 5/8"	SET AT	319.3
-------------	--------	--------	-------

DATUM 12

DATUM TO CUT OFF CASING 12

DATUM TO BRADENHEAD FLANGE 12

TD DRILLER	320	LOGG	320
------------	-----	------	-----

HOLE SIZE 12 1/4"

OPERATOR **Newfield Exploration Company**

WELL MON BT J-34-8-16

FIELD/PROSPECT **Monument Butte**

CONTRACTOR & RIG # **Ross # 29**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1	8 5/8"	Guide shoe				A	0.9
7	8 5/8"	Casing (Shoe Jt. 44.00)	24	J-55	STC	A	307.45
1		Well head				A	0.95
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			309.3
TOTAL LENGTH OF STRING		309.3	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			319.30
TOTAL		307.45	7				
TOTAL CSG. DEL. (W/O THRDS)				} COMPARE			
TIMING							
BEGIN RUN CSG.	Spud	2:00 PM	10/19/2009	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		5:00 PM	10/19/2009	Bbls CMT CIRC TO SURFACE			4
BEGIN CIRC		9:15 AM	10/26/2009	RECIPROCATED PIP			No
BEGIN PUMP CMT		9:28 AM	10/26/2009				
BEGIN DSPL. CMT		9:36 AM	10/26/2009	BUMPED PLUG TO			650
PLUG DOWN		9:44 AM	10/26/2009				

[illegible]

COMPANY REPRESENTATIVE

Xabier Lasa

DATE 10/26/2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
868 FNL 648 FWL 36
NWNW Section 34 T8S R16E

5. Lease Serial No.

USA UTU-16535

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
MON BUTTE UNIT

8. Well Name and No.
FEDERAL J-34-8-16

9. API Well No.
4301333936

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/19/09 MIRU Elenburg # 28. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 260'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6487'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 154 jt's of 5.5 J-55, 15.5# csgn. Set @ 6455.87' / KB. Cement with 280 sks cement mixed @ 11.0 ppg & 3.43 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 40 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 104,000 #'s tension. Release rig @ 11:00 PM on 11/23/09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

11/24/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

DEC 03 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6455.87

LAST CASING	<u>8 5/8"</u>	SET AT	<u>319.3</u>
DATUM	<u>12</u>		
DATUM TO CUT OFF CASING		<u>12</u>	
DATUM TO BRADENHEAD FLANGE		<u>12</u>	
TD DRILLER	<u>6487</u>	LOGC	<u>6457</u>
HOLE SIZE	<u>7 7/8"</u>		

OPERATOR Newfield Exploration Company
WELL MON BT J-34-8-16
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # Elenburg # 28

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1		Guide shoe					A	0.65
1		Float collar					A	0.6
1	5 1/2"	Shoe jt		15.5	J-55	LTC	A	42.11
153	5 1/2"	csg		15.5	J-55	LTC	A	6400.51
1	5 1/2"	Landing jt		15.5	J-55	LTC	A	18
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				6461.87
TOTAL LENGTH OF STRING		6461.87		LESS CUT OFF PIECE				18
LESS NON CSG. ITEMS		19.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		126.3	3	CASING SET DEPTH				6,455.87
TOTAL		6568.92	3	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6568.92	157					
TIMING				GOOD CIRC THRU JOB _____ Yes Bbls CMT CIRC TO SURFACE _____ 42 RECIPROCATED PIP _____ No BUMPED PLUG TO _____ 2430				
BEGIN RUN CSG.	Spud	6:00 AM	11/23/2009					
CSG. IN HOLE		1:30 PM	11/23/2009					
BEGIN CIRC		1:30 PM	11/23/2009					
BEGIN PUMP CMT		3:20 PM	11/23/2009					
BEGIN DSPL. CMT		4:07 PM	11/23/2009					
PLUG DOWN		4:33 PM	11/23/2009					

[illegible]

COMPANY REPRESENTATIVE

Jim Smith

DATE 11/23/2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-16535

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
FEDERAL J-34-8-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333936

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 868 FNL 648 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 34, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/18/2009			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 12-18-09, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 01/05/2010

(This space for State use only)

RECEIVED
JAN 11 2010

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****MON BT J-34-8-16****10/1/2009 To 2/28/2010****12/3/2009 Day: 1****Completion**

Rigless on 12/3/2009 - Ran CBL & shot 1st stage. - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6367' & cement top @ 32'. Perforate stage #1, CP1 sds @ 6028-34' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 3 spf for total of 18 shots. 152 BWTR. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$10,482**12/11/2009 Day: 2****Completion**

Rigless on 12/11/2009 - Frac & flowback 5 stages. - Stage #2, LODC sands. RU BJ Services. 1830 psi on well. Frac LODC sds w/ 290,139#'s of 20/40 sand in 1837 bbls of Lightning 17 fluid. Broke @ 1957 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2902 psi @ ave rate of 49.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 2336 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5' & 2' perf guns. Set plug @ 5590'. Perforate A.5 sds @ 5535-37' & B2 sds @ 5440-45' w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 21 shots. 2469 BWTR - Stage #3, A.5 & B2 sands. RU BJ Services. 2080 psi on well. Frac A.5 & B2 sds w/ 19,502#'s of 20/40 sand in 170 bbls of Lightning 17 fluid. Broke @ 3646 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3139 psi @ ave rate of 29.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 2372 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5' & 2-2' perf guns. Set plug @ 5375'. Perforate B1 sds @ 5313-15', C sds @ 5259-61' & D1 sds @ 5104-09' w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 27 shots. 2801 BWTR - Stage #4, B1, C & D1 sands. RU BJ Services. 2015 psi on well. Frac B1, C & D1 sds w/ 50,758#'s of 20/40 sand in 319 bbls of Lightning 17 fluid. Broke @ 2637 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3443 psi @ ave rate of 38 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISDP 3241 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 9' & 2' perf guns. Set plug @ 4700'. Perforate GB6 sds @ 4630-32' & 4614-23' w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 33 shots. 3273 BWTR - Stage #1, CP1 sands. RU BJ Services. 1750 psi on well. Frac CP1 sds w/ 10,075#'s of 20/40 sand in 91 bbls of Lightning 17 fluid. Broke @ 3092 psi. Pumped 250 gals of 15% HCL. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3223 psi @ ave rate of 20.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISDP 2307 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5', 4' & 2-3' perf guns. Set plug @ 5840'. Perforate LODC sds @ 5778-83', 5743-46', 5697-5701' & 5670-73' w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 45 shots. 466 BWTR - Stage #5, GB6 sands. RU BJ Services. 1880 psi on well. Frac GB6 sds w/ 77,612#'s of 20/40 sand in 459 bbls of Lightning 17 fluid. Broke @ 2443 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2632 psi @ ave rate of 42.3 BPM. ISDP 2306 psi. 3877 BWTR. Open well for immediate flowback @ 3 BPM. Well flowed for 8 hours & turned to oil & gas. 2725 BWTR. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$132,268

12/15/2009 Day: 3**Completion**

Rigless on 12/15/2009 - Check pressure on well, 1500 psi. Set kill plug @ 4565'. - RU hot oil truck. Thaw BOPs & wellhead. Check pressure on well, 1500 psi. Pump 40 BW down csg @ 225°. RU Perforators WLT. RIH w/ Weatherford 6K solid plug. Set plug @ 4565'. Bleed pressure off well. RD WLT & hot oil truck. SWIFN. 2765 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$137,091

12/16/2009 Day: 5**Completion**

WWS #1 on 12/16/2009 - Flow well attempting to bleed off enough pressure to PU tbg. - Check pressure on well, 100 psi. Bleed pressure off well. Dead man anchor was sheared. Wait for Benco to replace dead man. MIRU WWS #1. ND BOPs & frac head. NU production wellhead & BOPs. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & tbg. Tag solid plug @ 4565'. RU power swivel. Drill out kill plug in 45 min. Well pressured to 1100 psi. Circulate well for 3 1/2 hours attempting to bleed off pressure. Pressure dropped to 400 psi. Recovered 400 bbls. Unable to leave well flowing over night due to frozen flowline. SWIFN. 2365 BWTR. - Check pressure on well, 100 psi. Bleed pressure off well. Dead man anchor was sheared. Wait for Benco to replace dead man. MIRU WWS #1. ND BOPs & frac head. NU production wellhead & BOPs. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & tbg. Tag solid plug @ 4565'. RU power swivel. Drill out kill plug in 45 min. Well pressured to 1100 psi. Circulate well for 3 1/2 hours attempting to bleed off pressure. Pressure dropped to 400 psi. Recovered 400 bbls. Unable to leave well flowing over night due to frozen flowline. SWIFN. 2365 BWTR. - RU hot oil truck & thaw csg. Check pressure on well, 1425 psi. Open well & flow to production tanks. Circulate well attempting to kill tbg enough to PU tbg w/o success. Flow well for 7 hours to flat tank. RU choke & flowline. Flow well to production tanks starting w/ 15/64 choke. Recovered approx 500 bbls. 1865 BWTR. - RU hot oil truck & thaw csg. Check pressure on well, 1425 psi. Open well & flow to production tanks. Circulate well attempting to kill tbg enough to PU tbg w/o success. Flow well for 7 hours to flat tank. RU choke & flowline. Flow well to production tanks starting w/ 15/64 choke. Recovered approx 500 bbls. 1865 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$182,407

12/18/2009 Day: 6**Completion**

WWS #1 on 12/18/2009 - Flow well over night. Land tbg & put well flowing. - Recovered 805 bbls fluid overnight. 850 psi flowing pressure. RU hose to work tank & flow well to tank for 2 hours. RU pump & circulate well until out of water. Flow 300 bbls to production tank while waiting on brine water. Pump 30 bbls 10# brine down tbg. Land B-1 flange on BOPs & put well flowing. 560 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$196,176

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 1b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						5. Lease Serial No. UTU-16535			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						6. If Indian, Allottee or Tribe Name 			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202				3a. Phone No. (include area code) (435)646-3721		7. Unit or CA Agreement Name and No. GMBU			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 868' FNL & 648' FWL (NW/NW) SEC. 35, T8S, R16E At top prod. interval reported below 1312 FNL & 69 FWL (NW/NW) SEC 35, T8S, R16E UTU-16535 At total depth 1524 FNL & 206 FEL (SE/NE) SEC 34, T8S, R16E UTU-16535						8. Lease Name and Well No. FEDERAL J-34-8-16			
10. Field and Pool or Exploratory MONUMENT BUTTE						11. Sec., T., R., M., on Block and Survey or Area SEC. 35, T8S, R16E			
12. County or Parish DUCHESNE						13. State UT			
14. Date Spudded 10/19/2009		15. Date T.D. Reached 11/23/2009		16. Date Completed 12/17/2009 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 5567' GL 5579' KB			
18. Total Depth: MD 6488' TVD 6383'		19. Plug Back T.D.: MD 6413' TVD 6308		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	319'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6456'		280 PRIMLITE		32'	
						425 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 4602*	TA @ ' **see below							
25. Producing Intervals				26. Perforation Record					
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) GREEN RIVER				See Below					
B)				4614 - 6034					
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval				Amount and Type of Material					
See Below				See Below					
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/16/09	12/31/09	24	→	198	0	238			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4046' 4259'
				GARDEN GULCH 2 POINT 3	4376' 4650'
				X MRKR Y MRKR	4907' 4938'
				DOUGALS CREEK MRK BI CARBONATE MRK	5061' 5308'
				B LIMESTON MRK CASTLE PEAK	5447' 5963'
				BASAL CARBONATE	6389'

32. Additional remarks (include plugging procedure):

** WELL FLOWING - NO RODS, NO PUMP AND LIMITED TUBING - 141 2-7/8" J-55, BIT SUB, & CHOMP BIT.

Stage 1: Green River Formation (CP1) 6028-6034', .36" 3/18 Frac w/ 10075#'s of 20/40 sand in 91 bbls of Lightning 17 fluid

Stage 2: Green River Formation (LODC) 5778-5783', 5670-73', 5743-46', 5697-5701', .36" 3/45 Frac w/ 290139#'s of 20/40 sand in 1837 bbls of Lightning 17 fluid

Stage 3: Green River Formation (B2 & A.5) 5440-45', 5535-37', .36" 3/21 Frac w/ 19502#'s of 20/40 sand in 170 bbls of Lightning 17 fluid

Stage 4: Green River Formation (B2, C & D1) 5313-15', 5259-61', 5104-09', .36" 3/27 Frac w/ 50758#'s of 20/40 sand in 319 bbls of Lightning 17 fluid

Stage 5: Green River Formation (GB6) 4630-32', 4614-23', .36" 3/33 Frac w/ 77612#'s of 20/40 sand in 459 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling and Completion Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-NaupotoTitle Administrative AssistantSignature Date 01/29/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 35 T8S, R 16E
J-34-8-16**

Wellbore #1

Design: Wellbore #1

Standard Survey Report

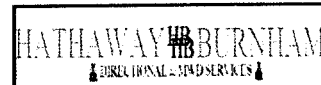
21 December, 2009

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



HathawayBurnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 35 T8S, R 16E
Well: J-34-8-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well J-34-8-16
TVD Reference: J-34-8-16 @ 5579.0ft (ELENBURG 28)
MD Reference: J-34-8-16 @ 5579.0ft (ELENBURG 28)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone	Using geodetic scale factor	

Site	SECTION 35 T8S, R 16E, SEC 35 T8S, R16E		
Site Position:		Northing:	7,198,099.76ft
From:	Lat/Long	Easting:	2,034,036.30ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 4' 19.740 N
		Longitude:	110° 5' 36.110 W
		Grid Convergence:	0.90 °

Well	J-34-8-16, SHL LAT: 40 04 45.34, LONG: -110 05 37.62		
Well Position	+N/-S	0.0 ft	Northing: 7,200,687.86 ft
	+E/-W	0.0 ft	Easting: 2,033,878.22 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,579.0 ft
		Latitude:	40° 4' 45.340 N
		Longitude:	110° 5' 37.620 W
		Ground Level:	5,567.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2009/10/27	11.52	65.87	52,476

Design	Wellbore #1			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	233.35

Survey Program	Date 2009/12/21			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
518.0	6,488.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
518.0	0.62	52.39	518.0	1.7	2.2	-2.8	0.12	0.12	0.00
582.0	0.37	84.25	582.0	1.9	2.7	-3.3	0.57	-0.39	49.78
645.0	0.48	213.49	645.0	1.7	2.8	-3.3	1.22	0.17	205.14
709.0	1.67	229.84	709.0	0.9	1.9	-2.1	1.90	1.86	25.55
772.0	2.86	232.74	771.9	-0.6	-0.1	0.4	1.90	1.89	4.60
835.0	3.87	235.66	834.8	-2.8	-3.1	4.1	1.63	1.60	4.63
923.0	5.05	234.45	922.5	-6.7	-8.7	11.0	1.35	1.34	-1.38
971.0	5.76	235.87	970.3	-9.3	-12.4	15.5	1.51	1.48	2.96
1,016.0	6.61	238.23	1,015.1	-11.9	-16.5	20.3	1.97	1.89	5.24
1,062.0	7.34	238.15	1,060.7	-14.9	-21.2	25.9	1.59	1.59	-0.17
1,107.0	7.95	238.61	1,105.3	-18.0	-26.3	31.8	1.36	1.36	1.02
1,152.0	8.70	236.36	1,149.9	-21.5	-31.8	38.3	1.82	1.67	-5.00



Company: NEWFIELD EXPLORATION
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 Site: SECTION 35 T8S, R 16E
 Well: J-34-8-16
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well J-34-8-16
 TVD Reference: J-34-8-16 @ 5579.0ft (ELENBURG 28)
 MD Reference: J-34-8-16 @ 5579.0ft (ELENBURG 28)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,197.0	9.56	236.17	1,194.3	-25.5	-37.7	45.5	1.91	1.91	-0.42
1,243.0	9.95	237.53	1,239.6	-29.7	-44.2	53.2	0.98	0.85	2.96
1,288.0	10.44	238.06	1,283.9	-34.0	-51.0	61.2	1.11	1.09	1.18
1,334.0	11.45	237.40	1,329.1	-38.6	-58.4	69.9	2.21	2.20	-1.43
1,379.0	11.87	235.90	1,373.1	-43.6	-66.0	79.0	1.15	0.93	-3.33
1,469.0	12.41	235.20	1,461.1	-54.3	-81.6	97.9	0.62	0.60	-0.78
1,560.0	12.57	234.41	1,550.0	-65.7	-97.7	117.6	0.26	0.18	-0.87
1,651.0	12.83	233.14	1,638.8	-77.5	-113.8	137.6	0.42	0.29	-1.40
1,741.0	12.61	232.43	1,726.5	-89.5	-129.6	157.4	0.30	-0.24	-0.79
1,832.0	12.48	231.47	1,815.4	-101.7	-145.1	177.1	0.27	-0.14	-1.05
1,923.0	12.19	231.16	1,904.3	-113.8	-160.3	196.6	0.33	-0.32	-0.34
2,013.0	11.82	229.91	1,992.3	-125.7	-174.8	215.3	0.50	-0.41	-1.39
2,104.0	11.51	228.98	2,081.4	-137.7	-188.7	233.6	0.40	-0.34	-1.02
2,194.0	10.92	231.99	2,169.7	-148.8	-202.2	251.1	0.92	-0.66	3.34
2,375.0	10.61	234.87	2,347.5	-169.0	-229.4	284.9	0.34	-0.17	1.59
2,465.0	10.66	234.44	2,436.0	-178.6	-242.9	301.5	0.10	0.06	-0.48
2,556.0	11.16	230.39	2,525.3	-189.1	-256.6	318.7	1.01	0.55	-4.45
2,647.0	11.87	229.05	2,614.5	-200.8	-270.4	336.8	0.83	0.78	-1.47
2,737.0	11.91	225.89	2,702.6	-213.4	-284.1	355.3	0.72	0.04	-3.51
2,828.0	11.82	220.77	2,791.6	-227.0	-296.9	373.7	1.16	-0.10	-5.63
2,918.0	11.36	220.33	2,879.8	-240.7	-308.7	391.3	0.52	-0.51	-0.49
3,009.0	11.10	220.37	2,969.0	-254.2	-320.1	408.6	0.29	-0.29	0.04
3,099.0	11.62	222.66	3,057.3	-267.5	-331.9	425.9	0.76	0.58	2.54
3,190.0	12.44	229.27	3,146.3	-280.6	-345.5	444.7	1.76	0.90	7.26
3,280.0	12.17	231.71	3,234.2	-292.8	-360.3	463.9	0.65	-0.30	2.71
3,371.0	11.54	237.64	3,323.3	-303.6	-375.5	482.5	1.51	-0.69	6.52
3,462.0	10.33	236.22	3,412.6	-313.0	-390.0	499.8	1.36	-1.33	-1.56
3,552.0	11.40	237.16	3,501.0	-322.4	-404.2	516.7	1.21	1.19	1.04
3,643.0	12.25	239.81	3,590.1	-332.1	-420.1	535.3	1.11	0.93	2.91
3,733.0	12.39	239.18	3,678.0	-341.8	-436.6	554.4	0.22	0.16	-0.70
3,824.0	12.39	237.87	3,766.9	-352.0	-453.3	573.8	0.31	0.00	-1.44
3,914.0	11.98	236.52	3,854.9	-362.3	-469.2	592.7	0.55	-0.46	-1.50
4,005.0	11.62	230.13	3,943.9	-373.4	-484.2	611.3	1.49	-0.40	-7.02
4,096.0	10.70	231.58	4,033.2	-384.5	-497.8	628.9	1.06	-1.01	1.59
4,186.0	10.81	231.09	4,121.6	-395.0	-510.9	645.7	0.16	0.12	-0.54
4,277.0	10.42	234.92	4,211.1	-405.1	-524.3	662.5	0.89	-0.43	4.21
4,367.0	11.01	234.74	4,299.5	-414.7	-538.0	679.2	0.66	0.66	-0.20
4,458.0	10.96	233.80	4,388.8	-424.9	-552.1	696.5	0.20	-0.05	-1.03
4,549.0	10.79	234.94	4,478.2	-434.9	-566.0	713.7	0.30	-0.19	1.25
4,639.0	10.00	234.12	4,566.7	-444.3	-579.2	729.9	0.89	-0.88	-0.91
4,730.0	11.27	234.39	4,656.2	-454.1	-592.9	746.7	1.40	1.40	0.30
4,821.0	10.92	234.96	4,745.5	-464.2	-607.2	764.2	0.40	-0.38	0.63
4,911.0	11.78	236.30	4,833.7	-474.2	-621.8	781.9	1.00	0.96	1.49
5,001.0	11.67	235.58	4,921.8	-484.5	-636.9	800.2	0.20	-0.12	-0.80
5,092.0	11.03	232.43	5,011.1	-495.0	-651.4	818.1	0.98	-0.70	-3.46
5,182.0	10.92	236.23	5,099.4	-505.0	-665.3	835.2	0.81	-0.12	4.22
5,273.0	10.99	238.41	5,188.8	-514.3	-679.9	852.5	0.46	0.08	2.40
5,363.0	11.38	235.78	5,277.0	-523.8	-694.5	869.9	0.71	0.43	-2.92
5,386.7	11.31	235.60	5,300.3	-526.4	-698.4	874.5	0.34	-0.31	-0.74
J-34-8-16 TGT									
5,454.0	11.10	235.09	5,366.3	-533.8	-709.1	887.6	0.34	-0.31	-0.76
5,545.0	11.25	236.04	5,455.6	-543.8	-723.7	905.2	0.26	0.16	1.04
5,635.0	10.55	234.12	5,543.9	-553.6	-737.6	922.2	0.88	-0.78	-2.13
5,726.0	12.22	234.37	5,633.2	-564.0	-752.2	940.2	1.84	1.84	0.27



HathawayBurnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 35 T8S, R 16E
Well: J-34-8-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well J-34-8-16
TVD Reference: J-34-8-16 @ 5579.0ft (ELENBURG 28)
MD Reference: J-34-8-16 @ 5579.0ft (ELENBURG 28)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,816.0	13.10	232.04	5,721.0	-575.9	-768.0	959.9	1.13	0.98	-2.59
5,907.0	11.20	231.07	5,809.9	-587.8	-783.0	979.1	2.10	-2.09	-1.07
5,998.0	9.20	226.78	5,899.5	-598.3	-795.2	995.1	2.35	-2.20	-4.71
6,088.0	10.39	228.85	5,988.2	-608.6	-806.5	1,010.4	1.38	1.32	2.30
6,179.0	9.91	224.83	6,077.7	-619.5	-818.2	1,026.3	0.94	-0.53	-4.42
6,269.0	10.13	224.26	6,166.4	-630.7	-829.2	1,041.8	0.27	0.24	-0.63
6,360.0	9.67	224.28	6,256.0	-641.9	-840.1	1,057.2	0.51	-0.51	0.02
6,435.0	8.72	222.24	6,330.1	-650.6	-848.4	1,069.0	1.34	-1.27	-2.72
6,488.0	8.00	222.24	6,382.5	-656.3	-853.5	1,076.6	1.36	-1.36	0.00

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
J-34-8-16 TGT	0.00	0.00	5,300.0	-522.7	-702.5	7,200,154.25	2,033,184.08	40° 4' 40.175 N	110° 5' 46.657 W
- actual wellpath misses by 5.6ft at 5386.7ft MD (5300.3 TVD, -526.4 N, -698.4 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____



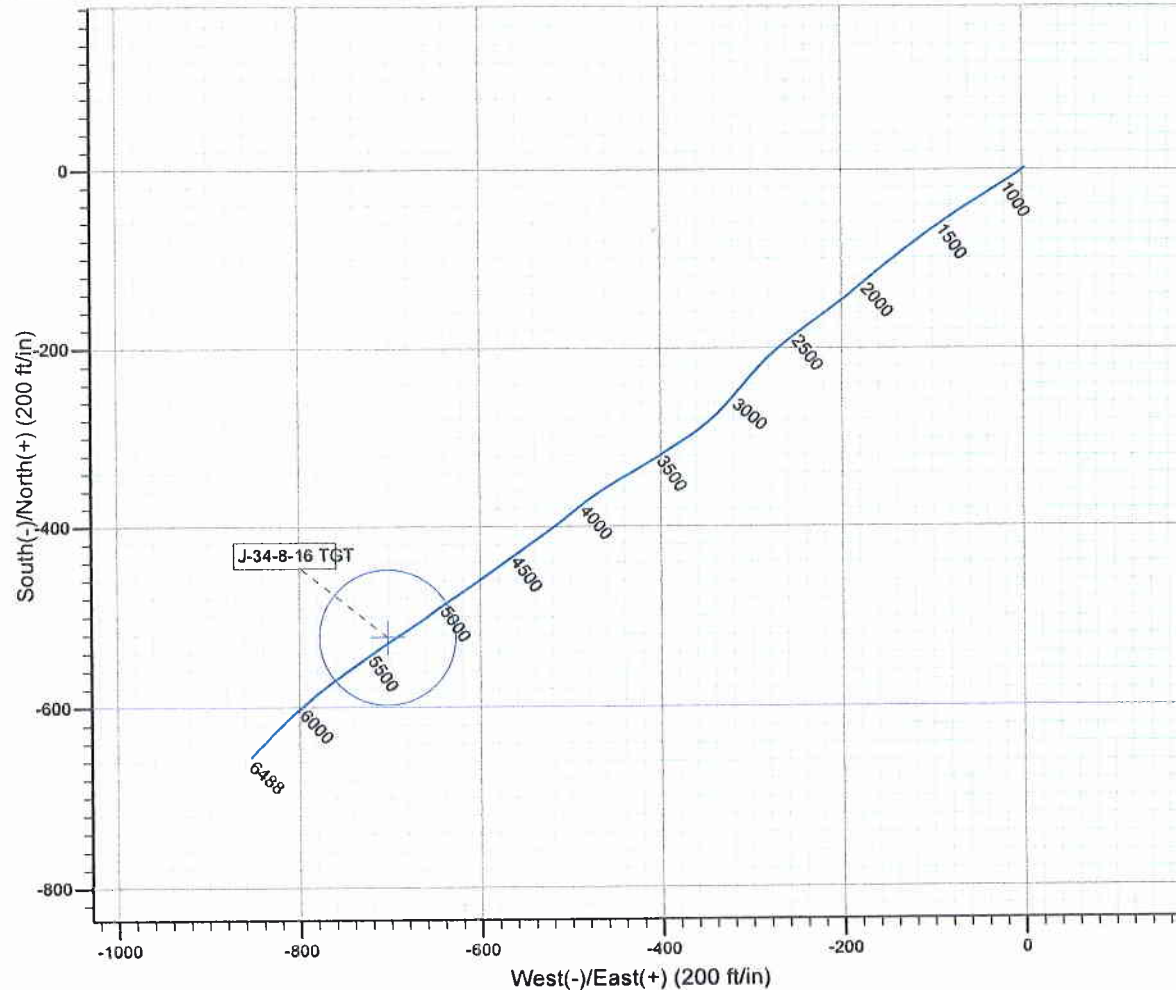
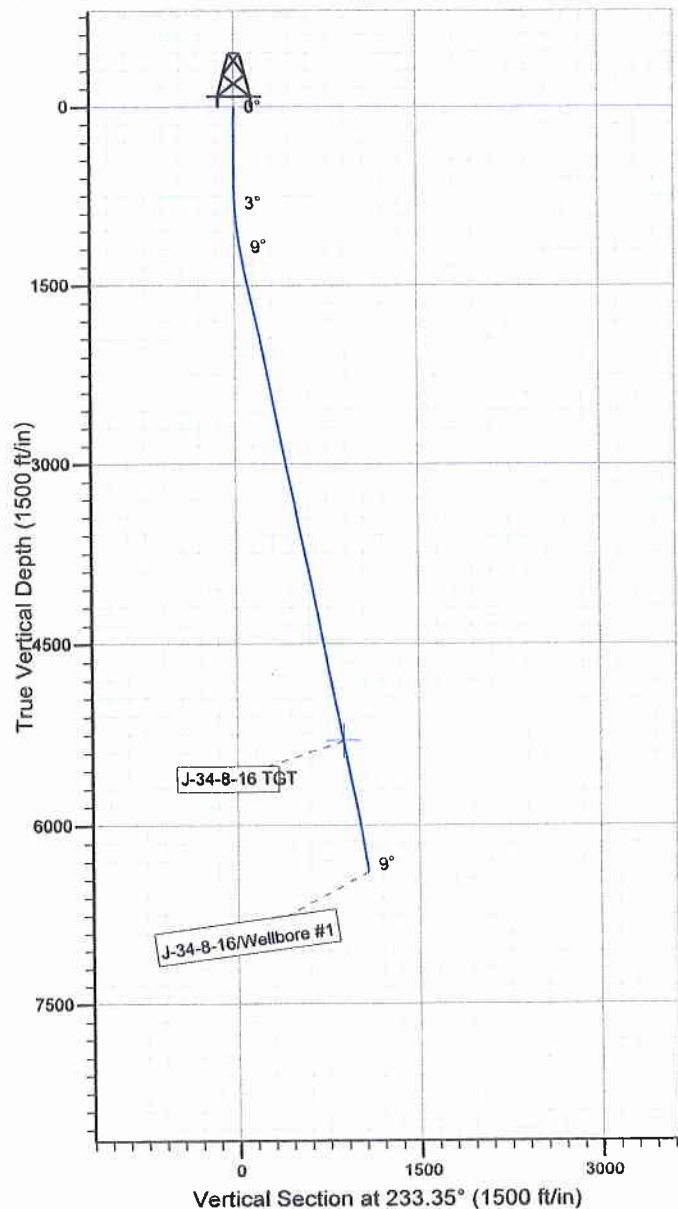
Project: USGS Myton SW (UT)
Site: SECTION 35 T8S, R 16E
Well: J-34-8-16
Wellbore: Wellbore #1
SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
Magnetic North: 11.52°

Magnetic Field
Strength: 52476.4snT
Dip Angle: 65.87°
Date: 2009/10/27
Model: IGRF200510



HATHAWAY ^{HB} BURNHAM
DIRECTIONAL & MWD SERVICES

Design: Wellbore #1 (J-34-8-16/Wellbore #1)

Created By: *Tom Hudson*

Date: 19:02, December 21 2009

THIS SURVEY IS CORRECT TO THE BEST OF MY
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report**Format For Sundry****MON BT J-34-8-16****9/1/2009 To 1/30/2010****MON BT J-34-8-16****Waiting on Cement****Date:** 10/26/2009

Ross #29 at 320. Days Since Spud - BLM and State were notified by email - run 7 jts. Of 8 5/8" Csg. W/ Guide Shoe & Baffle plate/ land @ 319.30 KB - On 10-26-09 BJ Cemented w/ 160sxs. Class G w/ 2 % CACL / Returned 4 bbl of cement to pit - 10:00 Am 10-19-09 Ross # 29 spud the Monument Butte Federal J-34-8-16 Drill 320' of 12 1/4" hole PU&

Daily Cost: \$0**Cumulative Cost:** \$59,631

MON BT J-34-8-16**Rigging down****Date:** 11/19/2009

Capstar #328 at 320. 0 Days Since Spud - Released Elemburg # 28 on 11/18/09 @ 1:00 PM Rigging down getting ready for trucks

Daily Cost: \$0**Cumulative Cost:** \$59,981

MON BT J-34-8-16**Drill 7 7/8" hole with fresh water****Date:** 11/20/2009

Capstar #328 at 992. 1 Days Since Spud - TIH & tag cement @ 260' - Drill 7 7/8" hole with fresh wtr to 992' - PU BHA & Scribe MM - Rig up flair lines - Nipple up Bops - Move rig to the MBF J-34-8-16 on 11/19/09 & Rig up - Rig down elec - PSI test bops

Daily Cost: \$0**Cumulative Cost:** \$100,392

MON BT J-34-8-16**Drill 7 7/8" hole with fresh water****Date:** 11/21/2009

Capstar #328 at 3877. 2 Days Since Spud - Drill 7 7/8" hole with fresh water to the depth of 3877' - Rig service funtion test pipe rams and crownomaitc - Drill 7 7/8" hole with fresh water to the depth of 1976'

Daily Cost: \$0**Cumulative Cost:** \$130,052

MON BT J-34-8-16**Drill 7 7/8" hole with fresh water****Date:** 11/22/2009

Capstar #328 at 5462. 3 Days Since Spud - Rig service funtion test pipe rams and crownomaitc - Drill 7 7/8" hole with fresh water to the depth of 5462' - Drill 7 7/8" hole with fresh water to the depth of 4285'

Daily Cost: \$0**Cumulative Cost:** \$166,972

MON BT J-34-8-16**Running casing****Date:** 11/23/2009

Capstar #328 at 6487. 4 Days Since Spud - R/U PSI and log (Loggers TD 6457') - Lay down DP,BHA and dir tools - Circulate - Drill 7 7/8" hole with fresh water to the depth of 6487' - Rig service funtion test pipe rams - R/U for csg - Drill 7 7/8" hole with fresh water to the depth of

6232'

Daily Cost: \$0**Cumulative Cost:** \$207,461

MON BT J-34-8-16**Wait on Completion****Date:** 11/24/2009

Capstar #328 at 6487. 5 Days Since Spud - Tear down - Clean mud tanks - Nipple down set
5.5 csg slips w/100,000 # tension - R/U Bj cmt w/280sks lead & 425 sks tail return bbls to pit
- Circulate csg w/rig pump - P/U run 154 jts of 5.5 15.5# j-55 csg set @ 6457. KB **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$303,467

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Daily Activity Report**Format For Sundry****MON BT J-34-8-16****10/1/2009 To 2/28/2010****12/3/2009 Day: 1****Completion**

Rigless on 12/3/2009 - Ran CBL & shot 1st stage. - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6367' & cement top @ 32'. Perforate stage #1, CP1 sds @ 6028-34' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 3 spf for total of 18 shots. 152 BWTR. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$10,482**12/11/2009 Day: 2****Completion**

Rigless on 12/11/2009 - Frac & flowback 5 stages. - Stage #2, LODC sands. RU BJ Services. 1830 psi on well. Frac LODC sds w/ 290,139#'s of 20/40 sand in 1837 bbls of Lightning 17 fluid. Broke @ 1957 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2902 psi @ ave rate of 49.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 2336 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5' & 2' perf guns. Set plug @ 5590'. Perforate A.5 sds @ 5535-37' & B2 sds @ 5440-45' w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 21 shots. 2469 BWTR - Stage #3, A.5 & B2 sands. RU BJ Services. 2080 psi on well. Frac A.5 & B2 sds w/ 19,502#'s of 20/40 sand in 170 bbls of Lightning 17 fluid. Broke @ 3646 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3139 psi @ ave rate of 29.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 2372 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5' & 2-2' perf guns. Set plug @ 5375'. Perforate B1 sds @ 5313-15', C sds @ 5259-61' & D1 sds @ 5104-09' w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 27 shots. 2801 BWTR - Stage #4, B1, C & D1 sands. RU BJ Services. 2015 psi on well. Frac B1, C & D1 sds w/ 50,758#'s of 20/40 sand in 319 bbls of Lightning 17 fluid. Broke @ 2637 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3443 psi @ ave rate of 38 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISDP 3241 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 9' & 2' perf guns. Set plug @ 4700'. Perforate GB6 sds @ 4630-32' & 4614-23' w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 33 shots. 3273 BWTR - Stage #1, CP1 sands. RU BJ Services. 1750 psi on well. Frac CP1 sds w/ 10,075#'s of 20/40 sand in 91 bbls of Lightning 17 fluid. Broke @ 3092 psi. Pumped 250 gals of 15% HCL. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3223 psi @ ave rate of 20.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISDP 2307 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5', 4' & 2-3' perf guns. Set plug @ 5840'. Perforate LODC sds @ 5778-83', 5743-46', 5697-5701' & 5670-73' w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 45 shots. 466 BWTR - Stage #5, GB6 sands. RU BJ Services. 1880 psi on well. Frac GB6 sds w/ 77,612#'s of 20/40 sand in 459 bbls of Lightning 17 fluid. Broke @ 2443 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2632 psi @ ave rate of 42.3 BPM. ISDP 2306 psi. 3877 BWTR. Open well for immediate flowback @ 3 BPM. Well flowed for 8 hours & turned to oil & gas. 2725 BWTR. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$132,268

12/15/2009 Day: 3**Completion**

Rigless on 12/15/2009 - Check pressure on well, 1500 psi. Set kill plug @ 4565'. - RU hot oil truck. Thaw BOPs & wellhead. Check pressure on well, 1500 psi. Pump 40 BW down csg @ 225°. RU Perforators WLT. RIH w/ Weatherford 6K solid plug. Set plug @ 4565'. Bleed pressure off well. RD WLT & hot oil truck. SWIFN. 2765 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$137,091

12/16/2009 Day: 5**Completion**

WWS #1 on 12/16/2009 - Flow well attempting to bleed off enough pressure to PU tbg. - Check pressure on well, 100 psi. Bleed pressure off well. Dead man anchor was sheared. Wait for Benco to replace dead man. MIRU WWS #1. ND BOPs & frac head. NU production wellhead & BOPs. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & tbg. Tag solid plug @ 4565'. RU power swivel. Drill out kill plug in 45 min. Well pressured to 1100 psi. Circulate well for 3 1/2 hours attempting to bleed off pressure. Pressure dropped to 400 psi. Recovered 400 bbls. Unable to leave well flowing over night due to frozen flowline. SWIFN. 2365 BWTR. - Check pressure on well, 100 psi. Bleed pressure off well. Dead man anchor was sheared. Wait for Benco to replace dead man. MIRU WWS #1. ND BOPs & frac head. NU production wellhead & BOPs. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & tbg. Tag solid plug @ 4565'. RU power swivel. Drill out kill plug in 45 min. Well pressured to 1100 psi. Circulate well for 3 1/2 hours attempting to bleed off pressure. Pressure dropped to 400 psi. Recovered 400 bbls. Unable to leave well flowing over night due to frozen flowline. SWIFN. 2365 BWTR. - RU hot oil truck & thaw csg. Check pressure on well, 1425 psi. Open well & flow to production tanks. Circulate well attempting to kill tbg enough to PU tbg w/o success. Flow well for 7 hours to flat tank. RU choke & flowline. Flow well to production tanks starting w/ 15/64 choke. Recovered approx 500 bbls. 1865 BWTR. - RU hot oil truck & thaw csg. Check pressure on well, 1425 psi. Open well & flow to production tanks. Circulate well attempting to kill tbg enough to PU tbg w/o success. Flow well for 7 hours to flat tank. RU choke & flowline. Flow well to production tanks starting w/ 15/64 choke. Recovered approx 500 bbls. 1865 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$182,407

12/18/2009 Day: 6**Completion**

WWS #1 on 12/18/2009 - Flow well over night. Land tbg & put well flowing. - Recovered 805 bbls fluid overnight. 850 psi flowing pressure. RU hose to work tank & flow well to tank for 2 hours. RU pump & circulate well until out of water. Flow 300 bbls to production tank while waiting on brine water. Pump 30 bbls 10# brine down tbg. Land B-1 flange on BOPs & put well flowing. 560 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$196,176

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